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Union College
Barbourville, KY 40906

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CATALOGUE

Union College

1913-1914

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Barbourville, Kentucky

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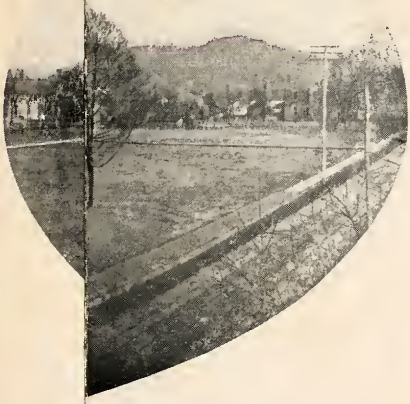

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Union College
Buildings and Grounds

Administration Building

CATALOGUE

UNION COLLEGE

1913-1914

Barbourville, Kentucky

Fanny Speed Hall (Young Ladies' Dormitory)

Fanny Speed Hall (Young Ladies' Dormitory)

Group of Students, Some Members of the Faculty and Board of Education

CALENDAR

1913

Tuesday, September 2.....School Opens.

Saturday, November 1.....First Quarter Ends.

Saturday, November 22.....Fall Term Ends.

Thursday, November 27.....Thanksgiving.

Friday, December 19.....Holidays Begin,
(12:00 o'clock noon.)

1914

Tuesday, January 6.....School Work Resumed.

Saturday, January 17.....First Semester Ends.

Saturday, February 28.....Winter Term Ends.

Saturday, March 21.....Third Quarter Ends.

Monday to Wednesday,
May 18 to 20.....Final Examinations.

Thursday, May 21.....Commencement.

Board of Education of the Kentucky Conference, Methodist Episcopal Church

Class No. 1—Rev. J. D. Walsh, D. D.....Chattanooga, Tenn.
Hon. Alvis S. Bennett.....Louisville, Ky.
Class No. 2—Rev. Amon Boreing, D. D.....Louisville, Ky.
Mr. Harold Means.....Ashland, Ky.
Class No. 3—Rev. E. L. Shepard, D. D.....Louisville, Ky.
Mr. J. W. Henderson.....Ashland, Ky.
Class No. 4—Rev. Thomas Hanford, D. D.....Augusta, Ky.
Mr. A. M. Decker.....Barbourville, Ky.
Class No. 5—Rev. Geo. W. Bunton, D. D.....Covington, Ky.
Mr. C. B. Nordeman.....Louisville, Ky.
Class No. 6—Rev. Bird Hughes.....Ewing, Ky.
Mr. Joshua P. Shaw.....Lexington, Ky.

Officers

Rev. Amon Boreing.....*President*
Mr. Joshua P. Shaw.....*Vice-President*
Mr. C. B. Nordeman.....*Secretary-Treasurer*

School Committee

Rev. J. D. Walsh.....*Chairman*
Rev. G. W. Bunton.....*Secretary*
Rev. Amon Boreing Rev. Thomas Hanford
Rev. E. L. Shepard

Property Committee

Mr. C. B. Nordeman.....*Chairman*
Mr. A. M. Decker.....*Secretary*
Rev. Amon Boreing Rev. Bird Hughes

Local Board of Trustees

James D. Black, LL. D.....*Chairman*
J. M. Robsion, Esq.....*Vice-Chairman*
Mr. A. M. Decker.....*Secretary-Treasurer*
Mr. Geo. W. Tye Mr. A. W. Hopper

Faculty

Percy Lewis Ports, B. S., President
Mathematics and Science

Harry Wilbur Ricketts, A. B.,
Latin and German

Abigail E. Weeks, A. M.,
English and History

Emery R. Overley,
Bible

B. C. Lewis,
Principal Normal Department

Marena Sevier, A. B.,
Intermediate Room

Mary E. Davis,
Primary Room

J. T. Howard, Jr.,
Principal Business School

Nettie Creal,
Bookkeeping

Mollie Ramsey,
Stenography

Margaret Lovelace,
Piano, Theory, Harmony, and History of Music

Idah Mae Cole,
Assistant in Piano

William M. Baker,
Violin and Director of Orchestra and Band

Mae Suter-Davis,
Expression and Physical Culture

Eva Catherine Swearingen,
Art

Mrs. B. C. Lewis,
Preceptress, Fanny Speed Hall

Mrs. A. D. Smith,
Matron of Dining Hall

Alery D. Smith,
Superintendent of Buildings and Grounds

Algin T. Simms,
Laboratory Assistant

Officers of Administration

Percy L. Ports.....*President*
H. W. Ricketts.....*Vice-President*
Abigail E. Weeks.....*Secretary-Librarian*
B. C. Lewis.....*Treasurer*

Stevenson Cottage

Boys' Dormitory

UNION COLLEGE

Location

BARBOURVILLE, KENTUCKY, is the site of this institution, and is the county seat of Knox County. It is an incorporated city of about two thousand inhabitants and is situated on the Cumberland Valley Division of the Louisville & Nashville Railroad. It is an attractive and progressive town. It has many of the modern conveniences, such as natural gas, electric lights, waterworks, telephone exchange, good hotels, banks, stores, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. The Baptists, Presbyterians, Christians, Methodist Episcopal South, and Methodist Episcopal have churches here. There are no temptations to lead the student away from his or her work; no allurements to vitiate or distract the mind; no empty, profitless amusements; no incentive to idleness or extravagance. The ideals of the people are elevating, their friendships warm, genuine and abiding; their hospitalities cordial and gracious. They are interested in the school and the student. The artificial and the superficial are alien here.

Cumberland River, famed for the purity of its mountain waters and the unique and pleasing picturesqueness of its surrounding scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley here commingle in plentiful and splendid profusion. The chaste and comforting influences of mountain and lowland are present to energize the manly and womanly thought and inspiration of the student. The freshness and freedom of the country life, the helpful influences of a cultured and progressive town, the close and enriching

mingling with these by the student, manifest the many advantages of this seat of learning. The nearby hills, with their rich and ever changing scenery, afford ample opportunity for pedestrian tours and excursions of scientific classes. The climate is mild. No better place in the Commonwealth could have been selected for the school. And here, removed from the fads and extravagances of the times, the student in Union College can not fail to feel that restraining influence that comes of a sense of personal responsibility, and hence a laudable ambition to succeed.

Here he learns habits of industry and economy. So, indeed the opportunity which Union College affords should make a strong appeal to the parent or guardian contemplating placing a child or ward in school.

History

Union College had its origin in the minds of the citizens of Barbourville. They early recognized the need of a Christian institution of learning in their midst. But to turn the furrow one must have a plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time until his death, in January, 1897, under the administration of the Rev. Daniel Stevenson, D. D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual and spiritual blessing to school and student, citizen and community. Upon the death of Dr. Stevenson the Rev. Jas. P. Faulkner, A. M., a native of the county and a graduate of this school, succeeded to the Presidency of the College. A wise and progressive leadership under his administration brought

Mrs. Fanny Speed

the school on towards the accomplishment of its purposes and the realization of its high mission.

During the administration of President Faulkner, the Board of Education came into possession of the legacy bequeathed by Mrs. Fanny Speed and from that time the expansion of the school became more marked. During this administration there were planned and begun Fanny Speed Hall and the Central Power and Heating Plant. They were not available for use, however, until the beginning of the next administration, that of Rev. James W. Easley, B. D., A. M., whose term of office began in 1905. In spite of adversities, the school increased in equipment and influence during his administration. During the Summer of 1906, the Administration Building was struck by lightning and burned to the ground. One year later it was replaced by a much more commodious building and the Boys' Dormitory was added.

Upon the resignation of President Easley in 1910, Judge James D. Black, LL. D., of Barbourville, Kentucky, became the fourth President of Union College. Under his management the material, as well as the less tangible, interests of the school progressed with rapid strides. The two years of President Black's connection with the school will be remembered as years of solid growth.

On his retirement from the leadership of the school its management was given into the hands of Percy L. Ports. Prof. Ports had been in the service of Union College for seven years, having held the position of teacher of Natural Sciences for that period, and having been Vice-President for two years. He is a graduate of Ohio Wesleyan University.

During the school year of 1912-13 the Board of Education suffered such severe financial reverses that it appeared for a time that it would be necessary to close the school for a term of years. Fortunately, this calamity was averted, largely by the loyalty and sacrifice of the citizens of Barbourville. A large part of the sum necessary for the operation of the school was subscribed and a group of twenty-six men bound themselves by

Group of Girls and Teachers of Fanny Speed Hall

contract to guarantee the continuance of the work of the institution. As a result of this emergency the Local Board of Trustees came into existence. This Board will have the direct oversight of the school and will co-operate with the Board of Education in the control thereof.

Aim

Life is a warfare. Then, shall we not be armed? In this warfare, education is the sword, character the protecting aegis. To vitalize the power of intellectual development; to impart religious instruction; to surround with refining influences; to appeal to the sense of right, the pride of manhood and womanhood; to enlarge the innate love of the Good, the True, and the Beautiful; to inculcate lofty moral and social ideals; to teach and form studious habits,—these are the functions of the College, and therein does it secure the harmonious developments of the faculties and prepare for the largest usefulness in life.

But education is a process, however, rather than a fulfillment; an acquiring, rather than a completion. The school, then, can assist in the buckling on of the armor, but it may not make one fight. The well-poised school will teach faith in oneself, the value of self-reliance, the dignity and ennoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive, but independent; self-reliant, but deferential; loving truth and candor, but also moderation and proportion; courageous, but gentle; not finished, but perfecting," its mission will not have been a failure. Its method proceeds on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student.

The fact that Union College is under the control of the Kentucky Conference of the Methodist Episcopal Church does not mean that the school undertakes to teach any particular system

of theology, or to inculcate sectarian doctrine. But the fact is a guaranty that the institution rests on a broad Christian foundation, thus providing a distinctly Christian education. Its aim is to place around the student those helpful, lasting influences that stand for the best culture of young men and women and give the best promise of the happiness of the family and welfare of the community. Mere secular learning may not vouchsafe these, and an education which does not give emphasis to ethical principles and Christian aspiration and conduct, can, it may be, enlighten but may not ennoble. There is wisdom, then, we think, in that supervision of the school life which comes from religious sources.

The aim, then, of Union College is the development of life and formation of the genuine substantial character. It interprets the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands.

Grounds, Buildings and Equipment

The campus is the most beautiful plot in town. It contains several acres, and on it are the splendid buildings here mentioned:

ADMINISTRATION BUILDING.—This is a magnificent and spacious three-story building, constructed of brick and concrete, and trimmed with Tennessee marble. The building is steam-heated, and lighted by electricity, as are all the buildings on the campus, and is scientifically ventilated to insure plenty of good fresh air. In it are the classrooms, the Library, the President's office, the chapel, and laboratories. The classrooms are fifteen in number. Each is equipped with single desks and slate blackboards of ample size. From the President's office are speaking tubes to each room, and also electrical connections so that a modern program clock situated in the office rings automatically in each room the bells for the change of classes and other signals. The chapel is commodious and is seated with comfortable

opera chairs. There are three laboratories—Chemical, Physical, and Biological. These are equipped throughout with modern apparatus and enable the student to do unusually thorough work in Science.

FANNY SPEED HALL.—This is the home of young women. It is a three-story building of unique design. It has spacious halls and parlors, and the rooms are nicely furnished. The building is supplied with bathrooms, toilets, and with gas hot plates for students' use. A small monthly fee is charged for this latter convenience.

YOUNG MEN'S HALL.—This is a fine brick structure of colonial design, three stories high. It has a large number of rooms, accommodating two students each. Nothing is lacking for convenience, comfort, or health. This is on the opposite side of the Campus from Fanny Speed Hall. The furniture is equal to the best in use among boarding schools. This building is fitted with toilet rooms, and ample baths with cold and hot water.

STEVENSON COTTAGE.—This building bears the name of the honored first President of Union College. It is used as a dwelling and is occupied by the Superintendent of Buildings and Grounds.

DINING HALL.—One central dining hall is made to render service for all students. The dining hall will accommodate three hundred persons. The students are not isolated, but are part of a large family. The most of the Faculty are together with the students in the dining-hall. The food is ample and of reasonable variety. Nothing is so necessary to good health as food of good quality properly prepared. The healthy appearance of our students is a testimony to our dining-hall. The institution has its own private bakery to insure wholesome bread.

HEAT, LIGHT AND POWER PLANT.—This is situated a safe distance from the other buildings and contains the boiler, engine, dynamo, and pumps. The location of this plant, together with the concrete and brick construction of the College buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric

Physical Laboratory

lighting, and water. Its capacity and efficiency are such that the buildings may be kept at the most comfortable temperature even in the severest winter weather. In addition to lighting the buildings, this plant lights the Campus by means of large arc lights so located as to give it a beautiful appearance at night. Within this building are two drilled wells from which the buildings and Campus are supplied with water. The College has its own sewerage system leading to the Cumberland River, thus insuring proper sanitary conditions.

To sum up, the equipment of Union College is modern and complete. Convenience, sanitation, and efficiency are secured, so that the student may always be at his best for school work.

Social Life

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. Indiscriminate mixing of the sexes is not permitted, but frequent social gatherings by permission of the Faculty, and under the direction of the Preceptress, are held. These give the student the culture that is demanded today of educated men and women. Our ideal is the home life of a well-ordered Christian home.

Government

Proper control and guidance of a student body are of such great importance that too much attention cannot be given to them. The principle is *self-control* and *self-direction.* The principle of developing the good is adopted. This produces the best results in character building. Those who are not amenable to rules of right living and do not respond to the appeals to a moral life, or who waste the time in idleness, will be asked to leave.

Dormitory life places the control of the student body at best advantage for easy direction in conduct as well as best direction in study. Co-operation from the homes of the students is a necessity. This is expected, and earnestly solicited.

Chemical Laboratory

The dormitory student is required to keep his room and its contents in good condition. The room and contents are subject to inspection by the Faculty at any time.

A student who fails to make a passing grade in his work may be sent home or placed in a lower grade, within the discretion of the Faculty. If such failure should be considered the result of a lack of application, the student may be sent home; if for a lack of ability, he shall be put in a lower grade.

Erratic course work is not allowed. Students must select and pursue a consistent course.

A study hall is provided, with attendance thereupon compulsory for all students between recitations. An instructor is present to preserve order and render such assistance with studies as is necessary. Those students who do not study properly or who are not observant of the regulations for study hour, from 7:00 to 9:30 P. M., will be required to attend the common study hall, presided over by a member of the Faculty.

Church Attendance

Each student is expected to select one of the churches of the town as a Church home, and is required to be in attendance at church during the Sabbath morning service. It is also expected that each student shall give attendance upon all religious services held under the direction of the College. The attendance at daily chapel service is required.

SCHOOL FEATURES

The Student Prayer Meeting

For a short time each Wednesday evening the entire student body and members of the Faculty assemble in the College Chapel for prayer service. This service is led by a member of the Faculty.

Lectures

Opportunity is frequently given for the treatment at length of topics by lectures. Members of the Faculty and professional men of the community, and frequently those from a distance, deliver addresses or lectures upon selected subjects.

Literary Societies

There are two of these: Philonikean, and the Fanny Speed, the latter for young women, the former for young men. The importance of these is great in the development of self-control and poise before an assembly. The art of debating, the habit of free discussion, and familiarity with parliamentary laws are cultivated in the regular work. Public meetings and joint session are held, subject to the approval of the Faculty.

Y. M. C. A.

This organization has had a continuous growth and exerts a beneficial influence upon the life of the young men of the school. Sympathetic aid is given by members of the Faculty, besides frequent visits from officers of the state organization. Weekly devotional meetings are held. Bible and Mission Study courses are pursued.

Y. W. C. A.

This organization is well supported and it is felt that the religious life of the young ladies is greatly enriched by its

activities. A Mission study class is maintained, and delegates are sent to the state conferences.

Athletic Association

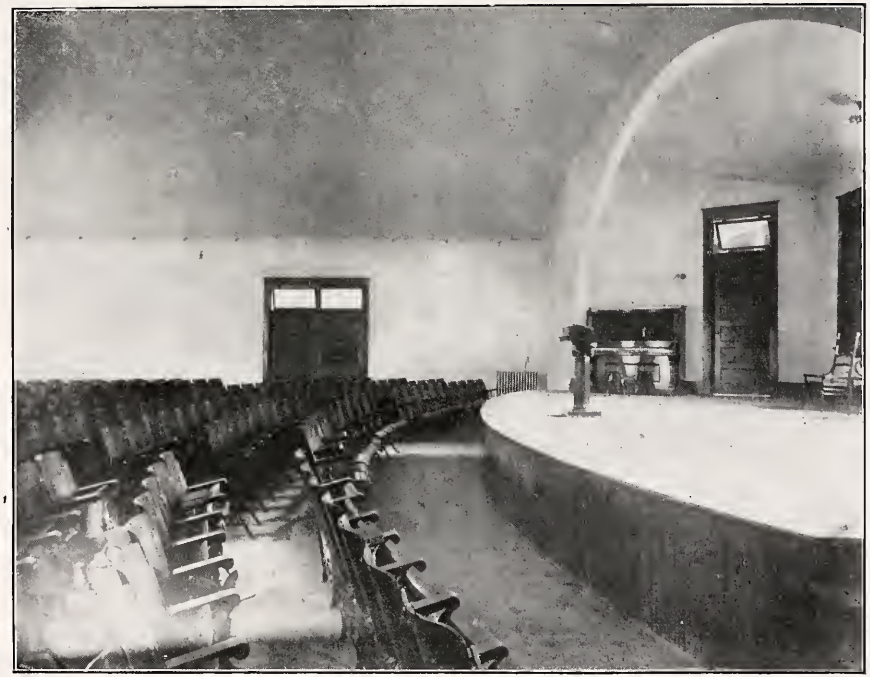
This organization has charge of the games and field sports of the school. The mild climate, late and dry falls, and early spring make field sports a greater feature here than in many other localities. The Association has under its management baseball, basketball and tennis. In baseball both a first and second team are maintained. Basketball and lawn tennis are participated in by both the young men and the young women on separate grounds.

In order to engage in interscholastic games the student must keep his work satisfactory. To do this his work must average at least seventy-five per cent, with no study below seventy. Athletics is maintained, primarily, for physical development and outdoor recreation, that study and mental work may be the more relished. The admission of young women to broader fields of activity makes it necessary that their physical training be not neglected in their course of preparation.

Library and Reading Room

The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Kentucky, and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines was a liberal contributor to it. A large number of books was contributed by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The reading room is supplied with many of the best secular and religious papers and American magazines. All students are thus able to keep themselves informed with respect to the daily news and to familiarize themselves with the best current literature.

The Honorable John H. Wilson, of Barbourville, Kentucky, generously donated to Union College, a large number of books.



Chapel

These books embrace a wide range of useful information and constitute a valuable addition to the library.

A Conference Alcove has been founded and is maintained by the individuals of the Kentucky M. E. Conference. Its aim is to supply complete sets of the works of classic writers.

Donation

Recognizing the great power for good in the Christian ministry, the Reverend Joshua S. Taylor, of Middleburg, Ky., on June 16, 1910, and consistent with his splendid life of service and usefulness, donated to Union College a sum of money, the interest on which to be devoted to the aid of men studying for the ministry in the Methodist Episcopal Church. He has directed that the principal be invested, remain a permanent fund, and only that which it yields be used, and then as here stated. We have suggested that this gift be known and designated as "The Joshua S. Taylor Fund," indulging the fond hope that others, seeing the high purpose for which it is to be devoted, will augment it to the extent of making this fund capable of immense good.

ACADEMIC DEPARTMENT

In the Academic Department three courses are offered: Classical and Scientific Academic Courses, and College Preparatory. For the satisfactory completion of either of the Academic Courses a diploma is awarded; for the College Preparatory Course a certificate of work done is issued. The Classical and Scientific courses each offer sixteen units of college entrance requirements. For the College Preparatory Course the student may select such studies as are required by the college he anticipates entering. Our Academic Department is in class A of the accredited list of the Association of Kentucky Colleges, which means that our graduates receive full Freshman rank, without examination, at any college belonging to this Association.

Courses of Study

(Unless otherwise specified each subject is five periods, 45 minutes, per week and constitutes one unit.)

Classical Course

First Year

English I.
Ancient History.
Bible (1 hour).
Algebra.
Beginning Latin.

Second Year

English II.
Mediaeval and Modern History.
Botany (½ unit) elective.
Algebra (½ unit).
Caesar.
Bible, I hour.

Third Year

English III.
German I.
Physiology (½ unit).
Plane Geometry.
Cicero.
Bible, 1 hour.

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FOURTH YEAR

English IV.
German II.
Bible, 1 hour.
Physics.
Virgil.

Scientific Course

FIRST YEAR

English I.
Ancient History.
Bible, 1 hour.
Algebra.
Beginning Latin.

SECOND YEAR

English II.
Mediaeval and Modern History.
Botany (½ unit).
Algebra (½ unit).
Caesar.
Bible, 1 hour.

THIRD YEAR

English III.
German I.
Physiology (½ unit).
Plane Geometry.
Zoology (½ unit).
Bible, 1 hour.

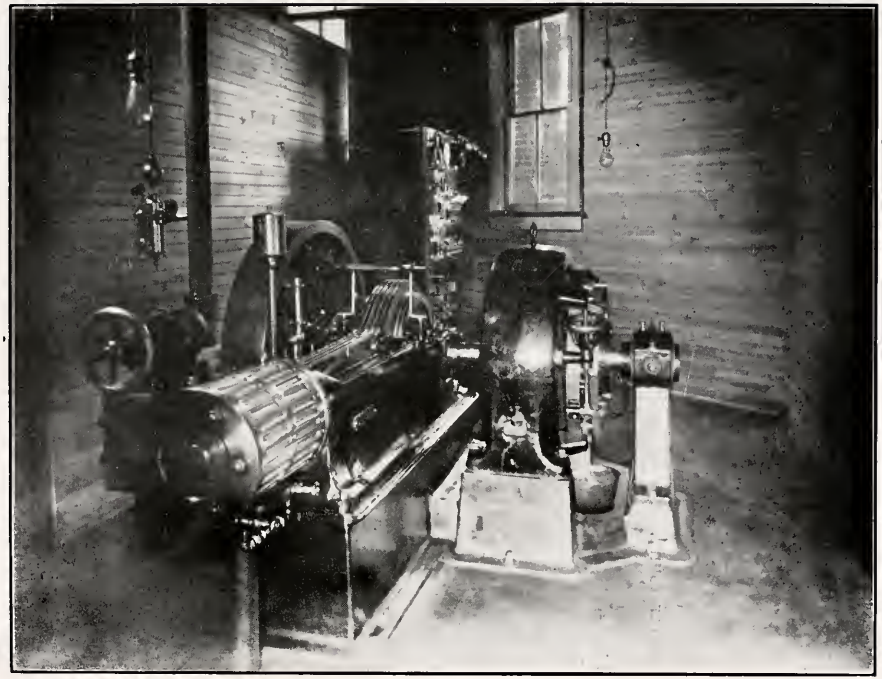
FOURTH YEAR

English IV.
German II.
Physiography (½ unit).
Solid Geometry (½ unit).
Physics.
Bible, 1 hour.

Bible

REV. OVERLEY.

The study of the Bible will be given its proper place. A four years' graded course has been prepared. The Freshman class will study the Bible as a whole, using *Hurlbut's Teacher-Training Lessons* as the text. The three higher grades will make more detailed studies of certain selected sections of the Bible. Maps and charts will be used. This is required of all Academic students.



College Power House

English

MISS WEEKS.

The Department of English aims, first, to train its pupils to think clearly and independently; second, to speak and write simple, clear, idiomatic English; third, to make the pupils acquainted with some of the masterpieces of English literature, and to train them to understand and to love good literature wherever found.

ENGLISH I.—This course aims, first, to drill the student in the essentials of English construction, not in its technicalities; second, to give him much practice in applying the essential principles of English Grammar to the expression of his own thought and feeling. Composition work, and training in both oral and written expression is required throughout the year. In addition to their class work, the pupils are required to read selections from easy literature. Text-book, *Book II, Mother Tongue.*

ENGLISH II.—English II reviews the constructions of the eight parts of speech; much time is devoted to syntax and synonyms. Compositions are required frequently; these are based on the required readings and the student's own experience. Six classics are studied during the year. *Hill's Beginnings of Rhetoric and Composition* is the text-book used.

ENGLISH III.—In the beginning of this year's work Narration, Description and Exposition are studied as a basis of composition work. Most of the time in this course is devoted to the study of the required classics, supplemented by the history of English Literature. *Halleck's History of English Literature* is the text-book used.

ENGLISH IV.—Narration, Description and Exposition are reviewed, and Argumentation with the Elements of Debate is thoroughly studied. The College Entrance requirements for practice constitute the work in literature for this course. One term of collateral reading is required. Composition work, both oral and written is required throughout the year.

Room in Fanny Speed Hall
Girls' Basket Ball Field

Parlor, Fanny Speed Hall
Corridor, Fanny Speed Hall

History

MISS WEEKS.

ANCIENT HISTORY.—The development of our modern civilization as traced through the events of history will constitute the main theme of our two years of historical study. Text, *Myer's Ancient History.*

MEDIAEVAL AND MODERN HISTORY.—This is a continuation of the first year's work and completes the survey of the development of human institutions to their present stage. Text *Myer's Mediaeval and Modern History.*

German

PROFESSOR RICKETTS.

GERMAN I.—A foundation is laid for a conversational knowledge of the language. Easy German classics are read and conversation, based on the reading, is required. Texts, *Spanhoofd's Lehrbuch der Deutschen Sprache, Im Vaterland* and *Immensee.*

GERMAN II.—More attention is paid to composition and conversation, and more difficult classics are read. The classics given below may be varied to suit the needs of the class. Texts, *Pope's German Composition, Mosher's Willkommen in Deutschland, Schiller's Wilhelm Tell, Goethe's Hermann und Dorothea.*

Mathematics

PROFESSOR PORTS.

The aim of the courses in Mathematics is primarily mental discipline and development of accurate conception of space and form. It is desired to make the student familiar with the principles that are applicable to practical problems and to instil the spirit of original work.

ALGEBRA (begun).—The four fundamental operations, factoring, fractions, simple and complex, simple equations, and simple simultaneous equations are covered, as well as the statement of problems by means of equations. Text, *Milne's Standard Algebra.*

ALGEBRA (completed).—This includes involution, evolution, theory of exponents, radicals, quadratic equations, and problems solvable by aid of quadratic equations, graphs, ratio and proportion, progressions, and binomial theorem. Text, *Milne's Standard Algebra.*

PLANE GEOMETRY.—Much attention is given to the solution of original problems, in order to train the student in logical habits of thinking and to discourage the memorizing of propositions. Text, *Wentworth's Plane Geometry.*

SOLID GEOMETRY.—The practical application of principles learned is emphasized in this branch of Mathematics as well as in the others. Thorough drill is continued. Text, *Wentworth's Solid Geometry.*

Natural Sciences

PROFESSOR PORTS.

The sciences are taught mainly on the laboratory basis. This is in line with modern teaching methods, and is made possible by our excellent laboratory equipment. The student is taught habits of observation and of accurate thinking. The sciences are taught as explanations, on a scientific basis, of life and nature about the student; hence, field work is given a large place. Each course is somewhat evenly divided between recitation work and laboratory or field work. Two periods of laboratory work are the equivalent of one of recitation work.

BOTANY.—This course consists of studies in elementary Botany, presented with special reference to the relation of the plant to its surroundings. Plants will be studied from this viewpoint during our botanical excursions. The development of the plant from the seed will be studied in the field and in the laboratory. The lower plant forms, such as bacteria, molds, algae, etc., receive due consideration. The course is supplemented by illustrated lectures, using both lantern and microscope slides. Text, *Andrew's Practical Botany.* (Not offered in 1913-14.)

ZOOLOGY.—First Semester. Type animals, such as sea anemone, starfish, earthworm, crawfish, frog, etc., are studied

by laboratory dissection. Many subjects are illustrated by lantern slides. Theoretical questions are fully discussed. Birds and other animals are studied in their relation to agriculture. Collections of specimens, especially insects, are made and classified by the students. Text, *Davison's Practical Zoology*. (Alternates with Physiography.)

PHYSIOLOGY.—Second semester. This is a course in Human Physiology, Personal Hygiene, and Public Sanitation. Practical matters of health and prevention of disease have an important place in the course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the course. It is required in all courses: *Blaisdell's Life and Health* is the text used. Supplementary reading in *Pyle's Personal Hygiene* is required.

PHYSICS.—The importance of the study of Physics, especially by the laboratory method, is now universally recognized. We take care of this course in a thorough manner. In our Physics laboratory, apparatus is provided for about forty individual experiments, covering Mechanics, Light, Heat, Sound, Magnetism, and Electricity. Besides these individual experiments, many demonstrations are given by the instructor. Texts, *Hoadley's Elements of Physics*, and *National Physics Note Book*.

PHYSIOGRAPHY.—This is a laboratory and field course in the study of land forms, together with studies in weather conditions. The work follows mainly *Davis's Physical Geography Atlas*.

CHEMISTRY.—This is a thorough course in General Chemistry, in which laboratory work takes an important place. We have a modernly equipped laboratory with running water and natural gas, as well as commodious acid-proof tables for students' use. The course comprises some fifty individual experiments, as well as numerous demonstrations by the instructor. Text, *Brownlee's Chemistry* and *Manual*. (Not offered in 1913-14.)

NORMAL DEPARTMENT

PROFESSOR B. C. LEWIS.

The public schools of our State are making rapid strides forward. Every year more is required of the public school teacher. It is the purpose of this department to keep abreast of the times educationally and to prepare the teachers to do their most efficient work and to command the highest wages. Those not teaching may enter for Normal work in the Fall. Classes will then be organized in the common school branches. It is also desired to have classes in such professional subjects as the History and Science of Education and Psychology and Method.

At the opening in January classes will be organized in all the common branches, with the intention of continuing each class for the entire remainder of the school year. This will enable teachers and students to select and pursue the subjects in which they feel most deficient. Such instruction will be given in Psychology and Theory and Practice as will meet the needs of the teachers.

Equipment has been added for textbook and experimental work in Agriculture.

Many Normal students often desire to take some higher work. For the benefit of these and others, new classes will be organized in beginning Latin and Algebra. Any desiring still higher work can find suitable classes to which they can easily adjust themselves. Literature and other work necessary to prepare for the examination for State Certificate will also be given.

The textbooks in the common branches will mostly be those adopted by the State Board. For advanced work Milne's Standard Arithmetic will be used. The professional texts will be Seeley's History of Education and Roark's Psychology and Methods.

Grade Work

Students will have to pass creditably in the work of the Eighth grade before they will be permitted to enter the Academic Department. Graduating exercises will be held and diplomas will be awarded upon the completion of this grade. The courses of study are those outlined by the State Department of Education and are uniform with those of our best schools. Below are given the names of the teachers and their work.

Grammar Room, Seventh and Eighth Grades, Prof. Lewis.

Intermediate Room, Fourth, Fifth and Sixth Grades, Marena Sevier.

Primary Room, First, Second and Third Grades, Mary E. Davis.

Normal Department

BUSINESS TRAINING COURSE

To Mr. A. M. Decker, our worthy secretary of the Board of Trustees, much credit is due for the establishment in Barbourville of the Union College Branch of the famous

Bryant AND Stratton

Business College, of Louisville, Kentucky.

Union College Branch of the Bryant & Stratton Business College will occupy four rooms in the Boys' Dormitory building and will open here on Tuesday, September 2, 1913, under the supervision of Prof. Geo. W. Schwartz, principal, Prof. J. T. Howard, vice-principal, and Miss Nettie M. Creal, lady principal, assisted by Bryant & Stratton trained teachers.

This arrangement whereby the recognized leaders in business training undertake to conduct a regular business college in connection with a literary college, thereby giving literary students an opportunity to train for business pursuits, under such auspicious environments and economical conditions as Union College affords, is without a parallel.

The advantages to the Bryant & Stratton Business College of Louisville and to Union College are mutual. Union College is thereby enabled to offer its patrons the best there is to be had in business training. Bryant & Stratton Business Colleges are the pioneer business training schools of America, and branches are to be found in all large cities. A Bryant & Stratton diploma is an introduction in all parts of the world.

On the other hand, Bryant & Stratton Business College has for some time past recognized the value of just such advantages as Union College, under this arrangement, gives to its students. Board, room, heat and light at $9.45 per month in a modern, sanitary, steam heated, electric lighted dormitory is nowhere else available to business college students.

Bryant & Stratton training is of such high order that this famous school for many years past has guaranteed positions (in writing) to all its graduates. The employment department of Bryant & Stratton Business College is located at Louisville, Kentucky. Last year it had calls for over five times as many graduates as it could supply. The services of this department are open to all graduates of the school, whether they attend the Union College or any of its other branches.

The instruction in the Union College, as well as in all the other branches, is of the same high order as in the Louisville school, the chief difference being that for obvious reasons the model office and employment department are located in Louisville, which is the recognized commercial center of Kentucky, and perhaps of the entire South, and most naturally that is where the business men of the South and West look for their office help. The school is open to both ladies and gentlemen.

Prospective students wishing to take the business training course, which includes bookkeeping, penmanship, rapid calculations, business correspondence, business forms, billing, shorthand, typewriting, etc., etc., or a selection of studies, should ask for Year Book.

Address

Principal, or

Vice-Principal,

Union College Branch,

Bryant & Stratton Business College, Barbourville, Ky.

One of the Bookkeeping Classes

Section of Shorthand Department Practicing Penmanship

Making an X-Ray Photograph
Physics Class at Work
X-Ray Photograph of Human Hand
X-Ray Photograph of Small Animals

WORK IN PHYSICS

DEPARTMENT OF MUSIC

The demand for more and better music increases year by year. Today, it is not only sought for in refined and cultured circles, but it is demanded in all forms of church and school work, and no student's education is complete without some knowledge of music.

The courses of study here prescribed are for earnest students who want to attain real excellence, and as very many have in mind the work of teaching, their needs have been especially provided for. A careful study of the individual requirements and capabilities of each pupil is made, a thorough training in the fundamental principles of technique is given, and enthusiastic musicians as well as finished artists are developed.

The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature can not here be given.

The time needed for the completion of each grade will average not less than one year. Often more time should be taken, especially if College studies are pursued at the same time.

A musical education should also comprise as much literary work as is now done in high schools, and a College Course is recommended to all who can attain it. Herein lies the advantage of studying music where art, literature and science are blended. Here it is taught that music is the peer of any branch of human knowledge, but that no single line of study is sufficient for complete scholarship.

The following is an outline of the Course of Study for the

Pianoforte

First Grade.—After learning the notes, rests, etc., careful attention is given to development of the finger touch and of a round and full legato. Technical studies are given for muscular

Tambourine Drill Mandolin Club Recital
Recital of Class in Elocution
STUDENT ENTERTAINMENTS

development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the Preparatory Class.

Second Grade.—This consists of major scales and common chord arpeggios, hands, separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op. 65, books 2 and 3; Kohler, Op. 50; Sonatinas by Kuhlan, Dussak, and others. Pieces by Haydn, Schumann, Mozart and modern composers.

Third Grade.— Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66, selections from Heller, Op. 47; Sonatas of Mozart and Haydn; Field's Nocturnes; Compositions by Gurlitt, Moskowski, Mendelssohn, and others.

Fourth Grade.—Major and Minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity Studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs Without Words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, and modern composers.

Fifth Grade.—Major and Minor scales, hands together, at metronome rate of 116; common chord arpeggios at rate of 100. Dominant and diminished sevenths at rate of 100. Cramer Etudes; Bach's Inventions; Octave Studies; Schubert's Impromptus; Chopin's Waltzes; Beethoven's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell, and others.

Senior Year.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished sevenths at rate of 116; major and minor scales in double thirds, chords, and octaves, hands separate, at metronome rate of 80. Clementi's Gradus ad Parnassus; Bach's Well-tempered Clavichord; Selections from Handel's Suites; Bach's English and French Suites; Beethoven's Variations; Mendelssohn's Scherzos; Chopin's Pollonaises and Nocturnes; Modern Composers. Students in this grade should practice at least three hours a day. Before com-

Mandolin Club

pleting the course in music, pupils must pass a creditable examination in Practical Harmony and Theory, and have at least one year in History of Music.

Recitals are given each quarter, all students of the Music Department participating, at the discretion of their instructors.

Violin

WILLIAM M. BAKER.

The violin is the nearest approach to the human voice of all the musical instruments. Its music is an endless source of delight. It is splendid for solo work and for accompanying voices in singing. For the cultivation of a fine musical ear there is nothing superior to the study of violin. We offer a carefully graded course, covering at least three years' work. An orchestra will be maintained in which the student will have the opportunity of studying ensemble playing to supplement his individual work.

MUSICAL ORGANIZATIONS

Orchestra

Wm. M. Baker.

Thls organization is maintained for the training that it gives the students in music, and for the pleasure that such an organization gives the school and its patrons. An orchestra is always in demand to add to the delight of an evening's program. The College owns a few of the foundation instruments for this organization.

College Chorus

Margaret Lovelace.

This is the organized class in Chorus Work, and should prove a helpful and delightful addition to the musical features of the school.

Band

Wm. M. Baker.

A good band is well recognized as an important adjunct to a school. Believing this, the school purchased a complete set of Conn Band Instruments, fourteen in number. This assures the permanency of this organization.

Mandolin Club

This, too, is placed upon a permanent basis, the the College owns a set of nine mandolins and one mandola, for the use of the Club. This organization is for young ladies, and is open to any young lady of the school until the instruments are all taken up.

DEPARTMENT OF EXPRESSION

The work in this department consists of two individual lessons per week. The object of the course is to train the body and the voice. Exercises are given to develop body poise and bearing, freedom of gesture, ease of manner, proper articulation, and self-confidence on the platform. Readings, recitations, and impersonations are given by the student. Special attention is given to breathing and the clear, direct expression of the thought.

It is impossible to give a clear outline of the course of study for the year, as each student will be encouraged to develop his own personality in his reading and impersonating, care being taken not to allow the student to fall into conversationalities and mannerisms, so common among students of expression. During the course of the year a number of recitals will be given, in order that the student may apply the theory of the classroom.

Honor Medal

Through the generosity of J. M. Robsion, Esq., of Barbourville, Ky., there is annually offered by him a gold medal to the student of Union College excelling in oratory.

Art

Miss Swearingen.

The different branches of Art are taught:
Freehand drawing from objects, casts and life;
Out-door sketching and study of Perspective;
Crayon;
Pen and Ink;
Water Color;

The Band

Pastel;
Oil;
Pierced Brass;
Clay Modeling;
Stenciling;
Study of Principles of Design and History of Art.

For those not wishing to take individual work, a class, which will meet two hours each week, will be organized for the purpose of teaching the fundamental principles of Freehand Drawing from objects and casts. There will also be a life class free to all art students. Certain hours in the week are to be set apart for an out-door sketching class.

The aim of this department is to ground the pupil in the fundamental principles of Art and to cultivate some of the high faculties of the mind. As to other benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensable in many departments of mechanics, and that knowledge of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and a means of making cheerful and attractive homes, otherwise often gloomy and bare.

SPECIAL INFORMATION

Advice to Parents

1. It is of the greatest importance that the student be here on the first day of the term.

2. The young ladies' attire should be neat and simple, not elaborate or expensive. The only uniform required is the College cap which is purchased after coming to school.

3. Young ladies residing in Fanny Speed Hall are not permitted to receive attentions from young men, except by written request from the parents addressed to the President. In all cases the administration reserves the privilege of final decision.

4. No parent should undertake to grant to the student with us any permission which might interfere with the school duties of the student, but should concede to the administration the right of control while in school.

5. Parents are requested freely and fully to apprise some member of the faculty, in advance, of the habits and temperament of the student, to the end that all may strive to subserve the best interests of the student. The parent is requested, in case there is felt to exist any cause for complaint, to make known the criticism directly to some member of the Faculty.

Furnishings for Rooms

Most of the rooms are intended for two occupants. If any rooms are unengaged at the opening of the Fall term, they may be occupied by one person on payment of an extra sum.

Students are required to provide themselves with the following articles: large pillow slips, sheets, pair of blankets, comfortable, white spread, towels, napkins, cover for bureau and washstand.

The young men will provide for single beds. There are a few double beds for young ladies. Young ladies will also bring sash curtains forty-five inches in height.

Expenses

The charges are given below for the year, thirty-six weeks. All fees are payable by the term, in advance. When as many as three students from the same family attend a reduction of ten per cent will be made on the tuition.

Good board and lodging can be obtained in respectable families for $2.50 to $3.00 a week. Cottages and suitable rooms can usually be rented at reasonable rates where groups of students may board themselves.

When a student enters school it is understood that he enters for at least a full term. All of our charges are made on this basis. It is hoped that no parent or student will plan for less than this. If a student withdraws before the end of the term for any other reason than sickness, a higher rate must be charged for the time he was in attendance. Any payment of board in advance beyond the time of leaving will be returned, subject to above conditions. The student is held responsible for any damage to his room or other property.

Boarding Students

Tuition in Academic and College Preparatory Department, per year	$ 30.00
Tuition in Normal Department, per year	18.00
Board, per year	72.00
Room rent, including light, heat, and water, per year	13.00
Total for Academic Department, per year	$115.00
Total for Normal Department, per year	$103.00

Day Students

Tuition in Academic Deparment, per year	$ 30.00
Tuition in Normal Department, per year	18.00
Tuition in Seventh and Eighth Grades, per year	18.00
Tuition in Fourth to Sixth Grades, per year	18.00
Tuition in Second and Third Grades, per year	13.50
Tuition in First Grade, per year	9.00

Art Studio

Students in Music, Art, and Expression

Piano, two lessons per week, for year	$ 36.00
Violin or Mandolin, two lessons per week, for year	36.00
Use of piano for practice, one hour daily, for year	6.00
Mandolin Club fee, per year	3.00
Orchestra fee, per year	3.00
Band fee, per year	3.00

Art and Expression, same as piano.

Laboratory Fees

Physiography, Botany, and Physiology, each	$ 1.50
Zoology	2.00
Normal Physiology	1.00
Physics	6.00
Chemistry	6.00

Breakage, which is usually due to careless handling of apparatus, is charged extra.

Diplomas

Academic and Music	$ 5.00
Eighth Grade	2.00

Botany Class

ROLL OF ALUMNI OF UNION COLLEGE

1893

James P. Faulkner, A. B., M. A.....Berea, Ky.
In charge of U. S. Tuberculosis Exhibit Car.

John Elbert Thomas, A. B.....Cincinnati, O.
Pastor Columbia M. E. Church.

1894

John Henry Byrley, A. B.....Atlanta, Ga.
Insurance Agent.

Charles Helder Gibson, A. B.....Barbourville, Ky.
Commercial Traveler.

James Samuel Lock, A. B., M. D.....Barbourville, Ky.
With Rockefeller Sanitary Commission.

1895

Alexander Francis Felts, A. B.....Augusta, Ky.
Pastor M. E. Church.

Leslie Hudson, A. B.
Deceased.

Sarah Elizabeth Lock, A. B.....Kansas City, Mo.
(Mrs. Geo. Wilson.)

Daisy Chastine Tinsley, A. B.....Atlanta, Ga.
(Mrs. Dr. Catron.)

Maude Ellen Tinsley, A. B.....Cattlettsburg, Ky.
(Mrs. Harry Marcum.)

George Harmon Wilson.....110 W. 36th St., Kansas City, Mo.
Attorney-at-Law.

1896

William Carson Black, A. B., M. D.....Barbourville, Ky.
Mine Operator.

James Pogue Gibson, A. B.....Barbourville, Ky.
Commercial Traveler.

George Edwin Hancock.
Deceased.

Edward Warren Tinsley, A. B.....4624 Lake Ave., Chicago, Ill.
Life Insurance.

Ladies' Basket Ball Team

1897

Fred Trigg Kelley, A. B.....Louisville, Ky.
Pastor M. E. Church, Wesley Chapel.

May E. Lock, A. B.....Atlanta, Ga.
(Mrs. J. H. Byrley.)

1898

Victor Vance Anderson, A. B.....Cambridge, Mass.
Student in Harvard Medical School.

1899

John Black Hudson, A. B.....Victoria, Texas
Pastor First Presbyterian Church.

John Eve Matthews, A. B. 1607 Mt. Vernon Ave., Philadelphia, Pa.
Mechanical Engineer.

1900

Della Jewell Johnson, A. B.....Covington, Ky.
(Mrs. Dr. Rankin.)

Mayme Hanna Johnson, A. B.....Pineville, Ky.
Principal Johnson Seminary.

Henry Clay Black, A. B.....Johnson City, Tenn.
Vice-President City National Bank.

G. A. Lock, A. B.....604 Haston St., Kansas City, Mo.
Insurance.

1901

U. S. G. Perkins, A. B.....Vassar, Mich.
Pastor M. E. Church

J. Will Harris, A. B., Ph. D.....Greencastle, Ind.
Prof. Psychology, DePauw University.

1902

(No graduates.)

1903

Margaret Gill Burnside.....Barbourville, Ky.
(Mrs. Margaret Burnside Byrley.)

1904

Roxye Leona Wilson, A. B.....Cincinnati, O.
(Mrs. Podesta.)

Boys Playing Basket Ball

1905

J. A. Bretz, A. B. ..... Mt. Dora, Fla.
Methodist Pastor.

1906

Lawrence G. Wesley, A. B. ..... Remington, Ind.
Supt. Remington High School.

Cora Grindstaff, A. B. ..... Holden, Ky.
At home.

Laura Grindstaff, A. B. ..... Holden, Ky.
At home.

1907

Earnest Faulkner, A. B. ..... Barbourville, Ky.
Attorney with firm of H. C. Faulkner & Sons.

Lena Wilson, A. B. ..... Warren, Ky.
(Mrs. Keesley.)

1908

Edward P. Hall, A. B. ..... Bellevue, Ky.
Member of Kentucky M. E. Conference.

Academic

Thomas A. Wood, B. S. ..... Bertha, O.
Class of 1913, Wesleyan University, Middletown, Conn.

Joan Easley, (Music) ..... 1212 Jefferson Ave., Wilmington, Del.
Music Teacher.

Mary Baliinger.
Deceased.

Howard Trent ..... Gallup, Ky.
Member of M. E. Conference.

J. Spencer Singleton ..... Uniontown, Ky.
Supt. of Schools.

1909

Thomas Bradley Ashley ..... Four Mile, Ky.
Member of Kentucky M. E. Conference.

Charles G. Black ..... Barbourville, Ky.
With A. W. Hopper's Store.

J. Loyd Decell ..... Osyca, Miss.
Pastor M. E. Church South.

Robert W. Howes.....R. R. No. 8, Oddville, Ky.
Member of Kentucky M. E. Conference.
Laura Greer Easley, A. B., 1212 Jefferson Ave., Wilmington, Del.
Class of 1913, Goucher College.
Nancye Kincheloe.....Hardinsburg, Ky.
At home.
Sudie Pauline Newman.....Cincinnati, O.
Deaconess, care Elizabeth Gamble Deaconess Home.
Hattie Jean Stanberry.....Pineville, Ky.
(Mrs. H. B. Jones.)
Samuel Bruce Hardy.....Huntington, W. Va.
With Bank Supply Company.
Emma Weaver (Music).....Alderman, W. Va.
Teacher of Music.

1910

Amelia Ballinger.....Barbourville, Ky.
Teacher.
Grace Bellaire Berry.....Olive Hill, Ky.
At home.
Verdie Colson.....Gibson Station, Va.
At home.
Idella Kincheloe.....Hardinsburg, Ky.
Music Student.
B. C. Lewis.....Barbourville, Ky.
Prin. Normal Dept., Union College.
William Clark Mace.....Coquille, Coos Co., Ore.
Student in Agricultural College.
Edgar P. Wesley.....Bethelridge, Ky.
Oscar Wesley.....Canton, S. D.
Teacher of Latin.
Mary Rice Wilson.....Danville, Ky.
(Mrs. Chas. Guthrie.)

1911

Ellen Bryan Clark.....St. Petersburg, Fla.
Kindergarten Teacher.
Ida Mae Cole.....Barbourville, Ky.
Music Teacher.

Anna Mae Creech.....Pineville, Ky.
Student, Ruskin Cave College.
Guy Leslie Dickinson.....Madison, Wis.
Law student, University of Wis.
Norma Bruce Elliott (Acad. and Music).....Vanceburg, Ky.
Prin. Vanceburg High School.
Nancye Lee Faulkner.....Barbourville, Ky.
Art Student, Union College.
Anna Royston Griggs .....Richmond, Ky.
Teacher.
Charles Leroy Howes.....Cynthiana, Ky.
Graduate, 1913, Union College Collegiate Department.
Lallah Rooke Johnson.....Berea, Ky.
Student Berea College.
Harrison W. Large.....Remington, Ind.
Science Teacher, Remington High School.
Mary Dora Laughlin.....Brookville, Ky.
Teacher.

1912

Lucy Ballinger.....Barbourville, Ky.
Art Student, Union College.
Pearl Allyn Bastin .....Lexington, Ky.
Student State University.
Hallie Ester Cheap.....Bethelridge, Ky.
Teacher.
Myrtle Cole.....Danville, Ky.
Student, Caldwell College.
Lillian Anna Mae Harrop.....Covington, Ky.
At home.
Walter Monroe Jarvis .....Barbourville, Ky.
Student Union College.
Bertha Lockhart Norris.....Vanceburg, Ky.
Art Student, Union College.
Kathleen Brennan Sullivan.....White Hall, Ky.
Student, State University, Lexington, Ky.
Naomi Oldham Tuttle.....Winchester, Ky.
Student, State University, Lexington, Ky.

1913

(See Student Roll, page 61.)

NOTE.—Alumni are urged to send us their addresses in case of change, and to notify us of any omissions or errors in our roll.

ROLL OF STUDENTS
1912-13

Graduates, 1913

Collegiate

Howes, Charles L.

Academic

Albright, Annie Dee
Ballinger, Anna Cronley
Carrol, John List
Cole, Ollie Elnora
Cole, Maud
Decker, Ruth
Faulkner, Robert
Jesson, Louise
Matthews, Mabel Jacobs
Mayhew, Earl
Noe, Verna Gillraith
Stratton, Thelma Edythe
Scent, Edward William
Tuggle, Richard Brittain
Walton, Anna Melvin
Young, John Henderson

Piano

Cole, Ollie Elnora

Business

Phipps, Myrtle B.
Wood, James Black

Eighth Grade

Bentz, Ruth
Comley, Henry
Cox, Kash D.
Kincaid, William
Putnam, Florence
Tye, Jewell
Swearingen, Clarence
Young, Hardin P.

Collegiate Department

Howes, Chas. L. ..... Harrison Co., Ky.
Jarvis, Walter ..... Barbourville, Ky.
Lewis, B. C. ..... Barbourville, Ky.
Stanfil, Earl ..... Barbourville, Ky.

Academic Department

Albright, Annie D. ..... Barbourville, Ky.
Albright, Martha ..... Barbourville, Ky.
Arterberry, H. D. ..... Monroe Co., Ky.

Ballinger, Anna C.....Barbourville, Ky.
Ballinger, Stephen.....Barbourville, Ky.
Carroll, J. List.....Ohio
Cole, Maude.....Barbourville, Ky
Cole, Ollie.....Barbourville, Ky.
Comley, Henry.....Jessamine Co., Ky.
Comley, Oscar.....Fayette Co., Ky.
Cornett, Mary.....Harlan Co., Ky.
Decker, Ruth.....Barbourville, Ky.
Engle, M. F.....Knox Co., Ky.
Faulkner, Lura.....Barbourville, Ky.
Faulkner, Robert.....Barbourville, Ky.
Haggard, Auda.....Casey Co., Ky.
Haggard, Carl.....Casey Co., Ky.
Herndon, Laura.....Knox Co., Ky.
Hopper, Henry C.....Laurel Co., Ky.
Jarvis, S. T.....Knox Co., Ky.
Jesson, Louise.....Whitley Co., Ky.
Jones, Nelle.....Barbourville, Ky.
Jurich, Peter G.....Austria
Kelley, Hortense.....Barbourville, Ky.
King, Geo. Arthur.....Barbourville, Ky.
Lewis, Karl E.....Barbourville, Ky.
Lock, Katherine K.....Barbourville, Ky.
Matthews, Mabel.....Barbourville, Ky.
May, Beulah.....Barbourville, Ky.
Mayhew, Earl.....Barbourville, Ky.
McClancy, Mary.....McCreary Co., Ky.
McNeil, Jas. Madison.....Knox Co., Ky.
Meade, Islay F.....Indiana
Miller, Herbert C.....Barbourville, Ky.
Noe, Verna G.....Harlan Co., Ky.
Offutt, Fern E.....Casey Co., Ky.
Owens, Ethel.....Barbourville, Ky.
Owens, John.....Barbourville, Ky.
Ragan, Welby.....Kenton Co., Ky.

Biological Laboratory

Sampson, Dowis.....Barbourville, Ky.
Scent, Edward.....Barbourville, Ky.
Simms, Algin T.....Lee Co., Ky.
Smith, Mary B.....Harlan Co., Ky.
Steele, Gertrude A.....Barbourville, Ky.
Steele, Gladys.....Barbourville, Ky.
Stratton, Thelma.....Barbourville, Ky.
Swearingen, Clarence.....Lewis Co., Ky.
Tuggle, Richard.....Barbourville, Ky.
Walton, Anna.....Rockcastle Co., Ky.
Webb, Helen C.....Jefferson Co., Ky.
Wesley, McKinley.....Casey Co., Ky.
Wesley, Ned.....Casey Co., Ky.
Wood, Helen.....Ohio
Young, John H.....Lincoln Co., Ky.

Normal and Grammar Department

Bain, Paul.....Barbourville, Ky.
Bengey, Commodore.....Barbourville, Ky.
Bentz, Ruth.....Kenton Co., Ky.
Berry, Mary A.....Barbourville, Ky.
Bilbry, Sarah.....Tennessee
Brown, Mary Barrett.....Barbourville, Ky.
Burnett, Morton.....Laurel Co., Ky.
Clotfelter, Dairus.....Knox Co., Ky.
Cole, Arthur.....Barbourville, Ky.
Colyer, Louise.....Barbourville, Ky.
Cox, Kash D.....Knox Co., Ky.
Davis, Carrie.....Knox Co., Ky.
Decker,, Sawyer.....Barbourville, Ky.
Faulkner, Drew.....Knox Co., Ky.
Fortney, Jesse.....Knox Co., Ky.
Galbraith, Anna L.....Bracken Co., Ky.
Golden, Rees A.....Barbourville, Ky.
Griffith, Katherine.....Bracken Co., Ky.
Hallifield, Lemon.....Knox Co., Ky.

Primary and Intermediate Departments

Herron, George.....Knox Co., Ky.
Herren, Oscar.....Marion Co., Ky.
Herschberg, Marks.....Barbourville, Ky.
Hopper, Anna C.....Knox Co., Ky.
Hopper, Sidney L.....Knox Co., Ky.
Howard, Earl.....Knox Co., Ky.
Howard, Hugh.....Knox Co., Ky.
Hutchins, Margaret.....Barbourville, Ky.
Jackson, George.....Knox Co., Ky.
Jarvis, Edgar.....Knox Co., Ky.
Jarvis, John.....Knox Co., Ky.
Jones, Herbert.....Barbourville, Ky.
Jones, Nancye.....Barbourville, Ky.
Kincaid, William.....Owsley Co., Ky.
Knuckles, William.....Perry Co., Ky.
Lockhart, Lutie.....Barbourville, Ky.
Martin, Wilhelmina Rose.....Knox Co., Ky.
Meade, Mac.....Indiana
Meredith, Dewey.....Indiana
Miller, Alex B.....Barbourville, Ky
Miller, Fred.....Barbourville, Ky.
Miracle, Essie.....Knox Co., Ky.
Norris Bertha L.....Ohio
Ohler, Verdie.....Knox Co., Ky.
Perkins, Hettie E.....Whitley Co., Ky.
Prewitt, Vergie.....Knox Co., Ky.
Putnam, Florence.....Ohio
Rees, Ben.....Barbourville, Ky.
Rees, Bradley.....Barbourville, Ky.
Rees, John.....Barbourville, Ky.
Richardson, B. F.....Barbourville, Ky.
Richardson, John.....Barbourville, Ky.
Riddell, Quinn.....Pendleton Co., Ky.
Sampson, Emoline.....Barbourville, Ky.
Scent, Alery.....Barbourville, Ky.
Smith, Chester C.....Barbourville, Ky.

Smith, Herschell.....Jefferson Co., Ky.
Taggart, Lewis.....Barbourville, Ky.
Taylor, Jas. B.....Barbourville, Ky.
Thoroughman, Wendell.....Lewis Co., Ky.
Tye, Bonnie D.....Barbourville, Ky.
Tye, Jewel.....Barbourville, Ky.
Vermilion, G. E.....Barbourville, Ky.
Woolum, Geo.....Knox Co., Ky.
Williams, Ben.....Knox Co., Ky.
Williams, Dora.....Knox Co., Ky.
Wilson, Jessie.....Barbourville, Ky.
Winchester, Mary Dinah.....Knox Co., Ky.
Wylie, Burch.....Jessamine Co., Ky.
Young, Hardin P.....Lincoln Co., Ky.

Piano

Bentz, Ruth.....Kenton Co., Ky.
Boston, Lucile.....Knox Co., Ky.
Cole, Ollie.....Barbourville, Ky.
Cole, Roberta.....Barbourville, Ky.
Farmer, Loretta.....Barbourville, Ky.
Galbraith, Anna Lee.....Bracken Co., Ky.
Griffith, Katherine.....Bracken Co., Ky.
Herren, Mrs. J. E.....Barbourville, Ky.
Johnson, Jennie.....Illinois
Jones, Ethel.....Barbourville, Ky.
King, Hazel.....Knox Co., Ky.
Lewis, Lenora.....Barbourville, Ky.
McDonald, V. C.....Barbourville, Ky.
McDonald, Elbert.....Bell Co., Ky.
Meade, Islay.....Indiana
Miller, Stewart.....Barbourville, Ky.
Nash, Nora.....Virginia
Noe, Verna.....Harlan Co., Ky.
Overly, Raymond.....Barbourville,Ky.
Owens, Ethel.....Barbourville, Ky.
Perkins, Hettie.....Whitley Co., Ky.

Sawyers, Bessie.....Barbourville, Ky.
Smith, Anna Mae.....Barbourville, Ky.
Smith, Mary.....Knox Co., Ky.
Schwartz, Mrs. F. C.....Barbourville, Ky.
Thomas, Virginia.....Knox Co., Ky.
Tye, Drucilla.....Barbourville, Ky.
Tye, Jewel.....Barbourville, Ky.
Tye, Lillie Dale.....Barbourville, Ky.
Webb, Helen G.....Jefferson Co., Ky.
Walton, Anna.....Rockcastle Co., Ky.
Winchester, Mary D.....Knox Co., Ky.

Voice

Arterberry, H. D.....Monroe Co., Ky.
Carroll, J. List.....Ohio
Cole, Ida.....Barbourville, Ky.
Cole, Maude.....Barbourville, Ky.
Cornett, Mary.....Harlan Co., Ky.
Davis, Carrie.....Knox Co., Ky.
Davis, Mrs. Chas.....Barbourville, Ky.
Farmer, Mrs. L. M.....Barbourville, Ky.
Fortney, Jesse.....Knox Co., Ky.
Haggard, Karl.....Casey Co., Ky.
Hampton, Daisy.....Barbourville, Ky.
Higgins, Dovie.....Barbourville, Ky.
Hopper, Henry C.....Laurel Co., Ky.
Jarvis, S. T.....Knox Co., Ky.
Jurich, Peter G.....Austria
Kincaid, William.....Owsley Co., Ky.
Mayhew, Earl.....Barbourville, Ky.
Partin, Siler.....Barbourville, Ky.
Peck, Alfred.....Knox Co., Ky.
Sampson, Emoline.....Barbourville, Ky.
Sampson, Mrs. F. D.....Barbourville, Ky.
Sampson, Pauline.....Barbourville, Ky.
Scent, Edward.....Barbourville, Ky.

Sevier, Cora.....Barbourville, Ky.
Simms, Algin T.....Lee Co., Ky.
Stanberry, Mrs. R. L.....Barbourville, Ky.
Swearingen, Clarence.....Lewis Co., Ky.
Young, John H.....Lincoln Co., Ky.

Violin

Gates, John B.....Barbourville, Ky.
Golden, Mrs. Lynn.....Barbourville, Ky.
Herren, Jesse.....Barbourville, Ky.
McNeil, Jas. M.....Barbourville, Ky.
Owens, Chas.....Barbourville, Ky.
Parker, Dr. A. L.....Barbourville, Ky.
Tuggle, Allan T.....Barbourville, Ky.
Tuggle, Richard.....Barbourville, Ky.

Department of Expression

Albright, Annie D.....Barbourville, Ky.
Albright, Martha.....Barbourville, Ky.
Arnold, Katherine.....Fleming Co., Ky.
Bentz, Ruth.....Kenton Co., Ky.
Black, Gertrude.....Barbourville, Ky.
Cole, Roberta.....Barbourville, Ky.
Cornett, Mary.....Harlan Co., Ky.
Faulkner, Nellie.....Barbourville, Ky.
Faulkner, Robert.....Barbourville, Ky.
Golden, Alice.....Barbourville, Ky.
Howes, Charles.....Harrison Co., Ky.
Jarvis, Mrs. J.....Barbourville, Ky.
Johnson, Jennie.....Illinois
Jurich, Peter G.....Austria
Kelley, Hortense.....Barbourville, Ky.
Matthews, Allien.....Barbourville, Ky.
May, Hellen.....Barbourville, Ky.
Mayhew, Earl.....Barbourville, Ky.
Smith, Anna May.....Barbourville, Ky.

Steele, Gertrude.....Barbourville, Ky
Stratton, Thelma.....Barbourville, Ky.
Swearingen, Clarence.....Lewis Co., Ky.
Taggart, Lewis.....Barbourville, Ky.
Thomas, Virginia.....Knox Co., Ky.
Tye, Drucilla.....Barbourville, Ky.
Tye, Jewel.....Barbourville, Ky.
Tye, Lillie Dale.....Barbourville, Ky.
Wood, Helen.....Ohio
Young, John H.....Lincoln Co., Ky

Art Department

Albright, Anna Dee.....Barbourville, Ky.
Arnold, Katherine.....Fleming Co., Ky.
Ballinger, Lucy.....Barbourville, Ky.
Cole, Ida.....Barbourville, Ky.
Cole, Roberta.....Barbourville, Ky.
Cornett, Mary.....Harlan Co., Ky.
Faulkner, Nancye.....Barbourville, Ky.
Faulkner, Margaret.....Barbourville, Ky.
Faulkner, Mrs. J. E.....Barbourville, Ky.
Farmer, Wilson.....Barbourville, Ky.
Golden, Bobbie.....Barbourville, Ky.
Herron, George.....Knox Co., Ky.
Haggard, Auda.....Casey Co., Ky.
Hughes, William Clark.....Barbourville, Ky.
Jones, Cleopatra.....Barbourville, Ky.
Jones, Nelle.....Barbourville, Ky.
Jones, Roy.....Barbourville, Ky.
King, Arthur.....Barbourville, Ky.
Lock, Katherine.....Barbourville, Ky.
McClung, Evelyn.....Barbourville, Ky.
McDermott, Mary.....Barbourville, Ky.
McDonald, Otto.....Knox Co., Ky.
May, Helen.....Barbourville, Ky.
Markum, James.....Barbourville, Ky.

Norris, Bertha.....Ohio
Oldfield, H. M.....Barbourville, Ky.
Stanfil, Ruth.....Barbourville, Ky.
Scent, Edward.....Barbourville, Ky.
Walton, Anna.....Rockcastle Co., Ky.

Business Department

Bays, Joel.....Knox Co., Ky.
Beddow, Robert.....Barbourville, Ky.
Bengey, Commodore.....Barbourville, Ky.
Beverly, David.....Virginia
Bingham, B. E.....Barbourville, Ky.
Campbell, Tilda.....Knox Co., Ky.
Carroll, J. List.....Ohio
Clotfelter, Dairus.....Knox Co., Ky.
Cole, Arthur.....Barbourville, Ky.
Cole, Claude.....Barbourville, Ky.
Comley, Henry.....Jessamine Co., Ky.
Comley, Oscar.....Fayette Co., Ky.
Cottongim, Leonard.....Barbourville, Ky.
Cottongim, Lewis.....Barbourville, Ky.
Cox, Kash D.....Knox Co., Ky.
Davis, Carrie.....Knox Co., Ky.
Davis, J. L.....Barbourville, Ky.
Decker, Sawyers.....Barbourville, Ky.
Dishman, William Ed.....Barbourville, Ky.
Douglas, Bertha.....Knox Co., Ky.
Dye, Fisk.....Casey Co., Ky.
Edwards, W. S.....Barbourville, Ky.
Elliott, W. C.....Knox Co., Ky.
Faulkner, Drew.....Barbourville, Ky.
Faulkner, Ida E.....Barbourville, Ky.
Golden, Rees.....Barbourville, Ky.
Goley, Frank.....Tennessee
Haggard, Auda.....Casey Co., Ky.
Haggard, Karl.....Casey Co., Ky.

Hampton, Sim.....Barbourville, Ky.
Hemphill, Fred W.....Barbourville, Ky.
Hendricks, Charity.....Barbourville, Ky.
Henson, Clarence.....Barbourville, Ky.
Herndon, Laura.....Knox Co., Ky.
Herren, J. F.....Casey Co., Ky.
Hershberg, Marks.....Barbourville, Ky.
Higgins, Clark.....Barbourville, Ky.
Hopper, Henry C.....Laurel Co., Ky.
Hopper, Sydney.....Barbourville, Ky.
Jarvis, Edgar.....Knox Co., Ky.
Jarvis, Floyd.....Barbourville, Ky.
Jarvis, Jay.....Barbourville, Ky.
Jarvis, R. M.....Barbourville, Ky.
Jarvis, S. T.....Knox Co., Ky.
Jasper, Willie.....Casey Co., Ky.
Johnson, L. L.....Barbourville, Ky.
Jones, Charlie.....Barbourville, Ky.
Jones, Charles.....Barbourville, Ky.
Jones, Lewis.....Barbourville, Ky.
Jones, Roy.....Barbourville, Ky.
Jones, Willie.....Barbourville, Ky.
Jurich, Peter.....Austria
Kincaid, William.....Owsley Co., Ky.
Lambdin, Clell.....Barbourville, Ky.
Lambdin, Clara E.....Barbourville, Ky.
Lewis, Karl E.....Barbourville, Ky.
Luttrell, Gurney.....Knox Co., Ky.
Matthews, James S.....Barbourville, Ky.
Meade, Islay.....Indiana
McClancy, Mary.....McCreary, Ky.
McDonald, V. C.....Barbourville, Ky.
McGaffee, S. D.....Knox Co., Ky.
McNeil, James M.....Knox Co., Ky.
Miracle, Hillary.....Knox Co., Ky.
Miller, Alex B.....Barbourville, Ky.

Miller, Roy.....Barbourville, Ky.
Miller, Herbert.....Barbourville, Ky.
Mitchell, Herbert.....Barbourville, Ky.
Mitchell, Charles.....Barbourville, Ky.
Nash, Nora.....Virginia
Owens, John.....Barbourville, Ky.
Partin, Siler.....Barbourville, Ky.
Peck, Alfred.....Knox Co., Ky.
Pennington, A. L.....Knox Co., Ky.
Phipps, Myrtle B.....Virginia
Scent, Alery.....Barbourville, Ky.
Scent, Edward.....Barbourville, Ky.
Smith, Chester C.....Barbourville, Ky.
Smith, Herschell.....Jefferson Co., Ky.
Stacy, Otis.....Knox Co., Ky.
Stanfil, John L.....Barbourville, Ky.
Steele, Gertrude.....Barbourville, Ky.
Steele, Gladys V.....Barbourville, Ky.
Swearingen, Clarence.....Lewis Co., Ky.
Taylor, H. L.....Barbourville, Ky.
Trosper, Robert.....Barbourville, Ky.
Tuggle, Allen.....Barbourville, Ky.
Tuggle, Kenneth.....Barbourville, Ky.
Thoroughman, Wendell.....Lewis Co., Ky.
Urney, O. G.....Ohio
Walton, Rice.....Rockcastle Co., Ky.
Webb, Helen G.....Jefferson Co., Ky.
Wesley, McKinley.....Casey Co., Ky.
Wesley, Ned.....Casey Co., Ky.
Westerfield, Gordon.....Barbourville, Ky.
Wood, James B.....Ohio
Young, Hardin P.....Lincoln Co., Ky.

Intermediate

Beddow, Robert
Bingham, Lila
Bingham, Tip
Black, Charley
Brassfield, Andy
Campbell, Andy

Cole, Roberta
Cottongim, Leonard
Dishman, Will Ed.
Faulkner, Nellie
Ford, Raymond
Hammons, Thomas
Henson, Clarence
Henson, Esther
Hughes, Lawrence
Jones, Charlie
Jones, Charley B.
Jones, Ethel
Jones, Lewis
King, Dora
Lewis, Lenora
May, Helen
Meade, Louise
McDonald, Elbert
Mitchell, Herbert
Overly, Raymond
Owens, Charles
Putnam, Ruby
Rees, Della
Riddell, Raymond
Scent, Blanche
Schauffner, Preston
Stanberry, David
Treadway, Georgia
Tuggle, Allen
Turner, Edith
Tye, Drucilla
Westerfield, Gordon
Wilson, Jesse

Primary

Bingham, Charles
Bingham, Doxie
Black, Evelyn
Black, Fronzein
Black, Maurice
Byrley, Cecil
Cannon, Axie
Cannon, Claude
Chance, Joe
Dishman, Catherine
Farmer, Loretta
Farmer, Wilson
Faulkner, Willia
Golden, Alice
Golden, Bobbie
Hughes, Marie
Hughes, William Clark
Jones, Roy
Jones, Leslie
Jones, William Dutton
King, Hazel
Lock, Lucile
Luttrell, Donnie
Luttrell, Gurnie
McClung, Evelyn
McClung, Jean
McDermott, Mary
McDonald, Lillie B.
Mitchell, Edna
Owens, Ruth
Richardson, Guy
Sampson, Anna Maud
Sampson, Helen
Scent, Caroline

Smith, Anna May
Soward, Nannie V.
Thomas, Virginia
Tuggle, Kenneth
Tuggle, Thelma
Turner, Delia
Tye, Lillie Dale

SUMMARY

Collegiate	4
Academic	54
Normal and Grammar Room	73
Intermediate Room	39
Primary Room	42
Business Department	97
Piano	33
Voice	28
Violin	8
Expression	29
Art	30
	437
Less those counted twice	149
Total enrollment	288

THE CHAMPLIN PRESS
COLUMBUS, OHIO

CATALOGUE

Union College

1914-1915

Barbourville, Kentucky

Administration Building

CATALOGUE

Union College

1914-1915

Barbourville, Kentucky

Fanny Speed Hall (Young Ladies' Dormitory)

CALENDAR

1914

Tuesday, September 1.....School Opens

Saturday, October 31.....First Quarter Ends

Thursday, November 26.....Thanksgiving

Friday, December 18.....Holidays Begin
(12:00 o'clock noon)

1915

Tuesday, January 5.....School Work Resumed

Saturday, January 16.....First Semester Ends

Saturday, March 20.....Third Quarter Ends

Monday to Wednesday, May
17 to 19.....Final Examinations

Thursday, May 20.....Commencement

Board of Education of the Kentucky Annual Conference of the Methodist Episcopal Church

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MR. HAROLD MEANS.....Ashland, Ky.

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REV. E. L. SHEPARD, D.D.....Louisville, Ky.
MR. J. W. HENDERSON.....Ashland, Ky.

CLASS NO. 3, TERM EXPIRES IN 1916

REV. THOMAS HANFORD, D.D.....Augusta, Ky.
MR. A. M. DECKER.....Barbourville, Ky.

CLASS NO. 4, TERM EXPIRES IN 1917

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HON. ALVIS S. BENNETT.....Louisville, Ky.

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GEO. W. TYE A. W. HOPPER

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Mathematics and Science

REV. EMERY R. OVERLEY, VICE-PRESIDENT
Bible

ABIGAIL E. WEEKS, A.M.
English and History

HARRY WILBUR RICKETTS, A.B.
Latin and German

B. C. LEWIS
Principal Normal Department

WILBUR S. EDWARDS
Grammar Room

AMELIA BALLINGER
Intermediate Room

MARY E. DAVIS
Primary Room

NETTIE CREAL
Business Department

MARGARET ELISE LOVELACE
Piano and Voice

WILLIAM M. BAKER
Violin and Orchestra

LOUISE WEST
Expression

MARGARET SPRATT
Art

MRS. C. N. SAMPSON
Preceptress, Fanny Speed Hall

Mrs. B. C. Lewis
Matron, Boys' Hall

Mrs. A. D. Smith
Matron, Dining Hall

Alery D. Smith
Superintendent of Buildings and Grounds

McKinley Wesley
Laboratory Assistant

LeRoy Compton
College Photographer

Gertrude Steele
Office Assistant

Officers of Administration

Percy L. Ports.....*President*
Rev. E. R. Overley.....*Field Agent and Vice-President*
H. W. Ricketts.....*Dean*
Abigail E. Weeks.....*Secretary-Librarian*
B. C. Lewis.....*Treasurer*

Boys' Dormitory

UNION COLLEGE

Location

BARBOURVILLE, KENTUCKY, the county seat of Knox County, is the site of this institution. It is an incorporated city of about two thousand inhabitants and is situated on the Cumberland Valley Division of the Louisville and Nashville Railroad. It is an attractive and progressive town, having many of the modern conveniences, such as natural gas, electric lights, waterworks, telephone exchange, good hotels, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. Baptists, Presbyterians, Christians, Methodist Episcopal South, and the Methodist Episcopal have churches here. There are no temptations to lead the student away from his or her work; no allurements to vitiate the mind; no empty, profitless amusements; no incentive to idleness or extravagance. The ideals of the people are elevating, their friendships warm, genuine and abiding. Their hospitalities are cordial and gracious. They are interested in the school and the student.

Cumberland River, famed for its historical associations and its picturesque scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley commingle here in plentiful and splendid profusion. Viewed from a practical standpoint, the innumerable hills, with their wealth of vegetation above, and interesting geological strata below, afford a rich field for excursions of scientific classes. The mildness of the climate is conducive to such out of door study.

HISTORY

Union College had its origin in the minds of the citizens of Barbourville. They early recognized the need of a Christian institution of learning in their midst. But to turn the furrow one must have a plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time to his death, in January, 1897, under the administration of the Reverend Daniel Stevenson, D.D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual and spiritual blessing to school and student, citizen and community. Upon the death of Doctor Stevenson the Reverend James P. Faulkner, A.M., a native of the county and a graduate of this school, succeeded to the Presidency of the College. His wise and progressive administration brought the school on toward the accomplishment of its purposes and the realization of its high mission.

During the administration of President Faulkner, the Board of Education came into possession of the legacy bequeathed by Mrs. Fanny Speed and from that time the expansion of the school became more marked. During this administration there were planned and begun Fanny Speed Hall and the Central Power and Heating Plant. They were not available for use, however, until the beginning of the next administration, that of Reverend James W. Easley, B.D., A.M., whose term of office began in 1905. In spite of adversities, the school increased in equipment and influence during his administration. During the summer of 1906, the Administration Building was struck by lightning and burned to the

Mrs. Fanny Speed

ground. One year later it was replaced by a more commodious building and the Boys' Dormitory was added.

Upon the resignation of President Easley in 1910, Judge James D. Black, LL.D., of Barbourville, Kentucky, became the fourth President of Union College. Under his management the material, as well as the less tangible interests of the school progressed with rapid strides. The two years of President Black's connection with the school will be remembered as years of solid growth.

On his retirement from the leadership of the school its management was given into the hands of Percy L. Ports. Professor Ports had been in the service of Union College for seven years, having held the position of teacher of Natural Sciences for that period, and having been Vice-President for two years. He is a graduate of Ohio Wesleyan University.

During the school year of 1912-13 the Board of Education suffered such severe financial reverses that it appeared for a time that it would be necessary to close the school for a term of years. Fortunately, this calamity was averted, largely by the loyalty and sacrifice of the citizens of Barbourville. A large part of the sum necessary for the operation of the school was subscribed and a group of twenty-six men bound themselves by contract to guarantee the continuance of the work of the institution. As a result of this emergency, the Local Board of Trustees came into existence. This Board will have the direct oversight of the school and will co-operate with the Board of Education in the control thereof.

Aim

Life is a warfare. Then, shall we not be armed? In this warfare, education is the sword, character the protecting aegis. To vitalize the power of intellectual development; to impart religious instruction; to surround with refining influences; to appeal to the sense of right, the pride of man-

hood and womanhood; to enlarge the innate love of the Good, the True and the Beautiful; to inculcate lofty moral and social ideals; to teach and form studious habits — these are the functions of the College, and therein does it secure the harmonious development of the faculties and prepare for the largest usefulness in life.

But education is a process, however, rather than a fulfillment; an acquiring rather than a completion. The school, then, can assist in the buckling on of the armor, but it may not make one fight. The well-poised school will teach faith in oneself, the value of self-reliance, and the dignity and ennoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive but independent; self-reliant, but deferential; loving truth and candor, but also moderation and proportion; courageous, but gentle; not finished, but perfecting," its mission will not have been a failure. Its method proceeds on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student.

The fact that Union College is under the control of the Kentucky Conference of the Methodist Episcopal Church does not mean that the school undertakes to teach any particular system of theology, or to inculcate sectarian doctrine. But the fact is a guarantee that the institution rests on a broad Christian foundation, thus providing a distinctly Christian education. Its aim is to place around the student those helpful, lasting influences that stand for the best culture of young men and women and give the best promise of the happiness of the family and welfare of the community. Mere secular learning may not vouch-safe these, and an education which does not give emphasis to ethical principles and Christian aspiration and conduct, can, it may be, enlighten but not

ennoble. There is wisdom, then, we think, in that supervision of the school life which comes from religious sources.

The aim, then, of Union College is the development of life and the formation of genuine, substantial character. It interprets the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands.

Campus

The campus comprises about eight acres and is situated on the highest part of the town. The buildings are located at convenient distances from each other, while the intermediate space is filled with splendid shade trees. There are on the campus some twenty different varieties of native trees. The buildings are connected with each other and with the street by cement walks. Deep wells of pure, wholesome water are located near each dormitory. There are three tennis courts, and two basket ball fields, besides ample room for croquet lawns on the campus. The grounds are lighted at night by four arc lights and several tungstens.

Buildings

ADMINISTRATION BUILDING.—This is a well-proportioned, three-story building, constructed of brick and concrete and trimmed with Tennessee marble. The building is steam-heated and lighted by electricity, as are all the buildings on the campus. It is scientifically ventilated. In it are the classrooms, library, President's office, chapel, laboratories, and the central dining hall. There are fourteen classrooms. These are equipped with single desks and slate blackboards. From the President's office are speaking tubes to each room. The building is equipped with an electric program clock system. The chapel is commodious and is seated with comfortable opera chairs. There are three laboratories, chemical, physical, and biological, whose equipment is described later. The dining hall, kitchen, and bakery are in the basement, occupying nearly the whole floor.

FANNY SPEED HALL.—This is the home for the young women. It is a three-story building of unique design. It has spacious halls and parlors and the rooms are neatly furnished. The building is supplied with bath rooms, toilets, and gas hot plates for students' use. A small monthly fee is charged for this latter convenience.

YOUNG MEN'S HALL.—This is a brick structure of colonial design, three stories high. The rooms accomodate two students each. This is on the opposite side of the campus from Fanny Speed Hall. The basement contains toilet rooms, and shower baths with cold and hot water. If there is sufficient demand a dark room will be fitted up in the basement for student use.

STEVENSON COTTAGE.—This building bears the name of the honored first President of Union College. It is used as a dwelling, being occupied by the Superintendent of buildings and grounds.

HEAT, LIGHT AND POWER PLANT.—This is situated at a safe distance from the other buildings and contains the boiler, engine, dynamo and pumps. The location of this plant, together with the concrete and brick construction of the college buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric light and water. The water is from two deep drilled wells within the building.

Equipment

LIBRARY.—The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Ky., and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines, was a liberal contributor to it. A large number of books was donated by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The Reading Room is supplied with many of the best secular and religious papers and cur-

Stevenson Cottage and Power Plant

rent magazines. The students are thus able to keep themselves informed with respect to the daily news and familiarize themselves with the best modern literature.

The Honorable John H. Wilson, of Barbourville, Kentucky, generously donated a large number of books. These books embrace a wide range of useful information and constitute a valuable addition to the Library. A Conference Alcove has been founded and is maintained by the individuals of the Kentucky M. E. Conference. Its aim is to supply complete sets of the works of classic writers.

LABORATORIES.—*Chemical.* This is equipped with two tables, with acid proof tops, accommodating thirty-two students. The tables are supplied with running water and natural gas. An automatic water still is included in the equipment. Ample glassware and chemicals are provided for fifty individual student experiments. The laboratory contains a Henry Troemner analytical balance, sensitive to one-twentieth milligram, besides several less delicate balances for student use.

Physical. In this laboratory apparatus is provided for about forty individual experiments in mechanics, light, heat, sound, magnetism and electricity. The equipment includes a Hartl Optical Disk, standard steel meter stick, made by Brown and Sharpe, three static machines, three X-ray tubes, electrical measuring instruments, one-horse power electric motor, diffraction grating, organ pipe, sonometer, etc. The equipment is all modern and of high grade.

Biological. There are provided fifteen dissecting sets and microscopes for work in botany and zoology. There are two compound microscopes, one with filar micrometer eyepiece and oil-immersion objective, magnifying one thousand diameters. There are numerous zoological specimens preserved in formalin. For work in physiology there are two human skeletons, a model of the human trunk, and numerous important charts. The equipment comprises also a stereop-

ticon with microscope attachment and a large number of lantern and microscope slides covering many subjects.

MATHEMATICS.—Hard wood models of the various geometric forms are provided. Drawing boards and accessories are provided for class-room work in geometry. Each student is expected to own an inexpensive pair of compasses for home use. For the course in surveying the department has one transit, one level, two compasses, and the usual accessories, including a hundred foot tape, which has been tested by the United States Bureau of Standards and guaranteed accurate to within .02 of an inch.

MUSIC.—The college owns five pianos, two of them being in the Chapel and kept tuned together for recital purposes. There are eight Howard mandolins and one mandola for the Girls' Mandolin Club. A full equipment, consisting of fifteen silver-plated Conn instruments, is provided for the college Band.

POWER PLANT AND SHOP.—For lighting, the college owns a forty horse power Skinner automatic engine, direct-connected with a James Clark, Jr., 25 K. W. direct current dynamo. For pumping, there are three steam pumps and one Westinghouse air compressor. In the shop is one screw-cutting lathe, gas engine and dynamo, drill-press and a full complement of metal and wood working tools.

FIRE PROTECTION.—The buildings are furnished with twenty hand chemical fire extinguishers. The students are instructed in the use of these at the beginning of each session.

Sanitation

All the water used for drinking purposes at the college comes from deep wells from which the surface and quicksand waters have been cased off. There is an especially fine well near the Girls' Dormitory which is one hundred feet deep and furnishes pure soft water from the deep-lying sandstone. This is used in the dining-room. The college has a

Physical Laboratory

modern sewerage system, extending half a mile to Richland Creek. Milk is supplied from cows kept in the college barn, and as a precaution is given frequent bacteriological tests. The bread and pastries used are baked in the college bakery. The rooms of the dormitories and Administration Building are thoroughly disinfected during vacation.

Government

Proper control and guidance of a student body are of such great importance that too much attention cannot be given to them. The principle of government is *self-control* and *self-direction.* The plan of developing the good is adopted. This produces the best results in character building. The students who are not amenable to rules of right living and who do not respond to the appeals to a moral life, or who waste the time in idleness will be asked to leave.

Dormitory life places the control of the student body at best advantage for easy direction in conduct, as well as best direction in study. Co-operation from the homes of the students is a necessity. This is earnestly solicited.

Students under the age of fourteen cannot well be cared for in the dormitories and only in exceptional cases can we receive any under that age.

It is of the greatest importance that the student be here on the first day of the term.

The student's dress should be simple, not elaborate or faddish. The dormitory student is required to keep his room and its contents in good condition. The room is subject to inspection by the Faculty at any time.

Young ladies residing in Fanny Speed Hall are not permitted to receive calls from young men, except by written request from the parents addressed to the Preceptress. In all cases the administration reserves the privilege of final decision. No parent should undertake to grant to the student with us any permission which might interfere with the school duties, but should concede to the administration the right of control while in school.

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. Indiscriminate mixing of the sexes is not permitted, but frequent social gatherings, under the direction of the Preceptress, are held. These give the student the culture that is demanded today of educated men and women. Our dormitory ideal is the home life of a well-ordered Christian home.

A student who fails to make a passing grade in his work may be sent home or placed in a lower grade, within the discretion of the Faculty. If such failure is considered to be the result of a lack of application, the student may be sent home; if for a lack of ability, he shall be put in a lower grade. The passing mark is seventy percent.

Erratic course work is not allowed. Students must select and pursue a consistent course.

A study hall is provided, with attendance thereupon between recitations compulsory for all students. An instructor is present to preserve order and to render such assistance with studies as is necessary.

Each student is expected to select one of the churches of the town as his church home and is required to be in attendance during the Sabbath morning service. It is also expected that each student shall attend all religious services held under the direction of the college. The attendance at daily Chapel service is required.

Boarding students should bring the following articles: large pillow slips, sheets, pair of blankets, quilt, counterpane, towels, napkins, and covers for bureau and washstand. The young men will provide for single beds. There are a few double beds in Fanny Speed Hall. Young ladies will also bring curtains forty-five inches in length.

The religious, social, literary, and athletic activities of the students are organized under the following societies:

Young Women's Christian Association.

Young Men's Christian Association.

Fanny Speed Literary Society
Philoneikean Literary Society
Athletic Association

The Joshua S. Taylor Fund

Recognizing the great power for good in the Christian ministry, the Reverend Joshua S. Taylor, of Middleburg, Kentucky, on June 16, 1910, consistent with the splendid life of service and usefulness, donated to Union College a sum of money, the interest on which is to be devoted to the aid of men studying for the ministry in the Methodist Episcopal Church. It is hoped that other men of similar spirit will add to this fund, making it possible for a large number of worthy, but indigent young men to prepare themselves for this sacred calling.

ACADEMIC DEPARTMENT

In the Academic Department two courses are offered, Classical and Scientific. For the satisfactory completion of either of these a diploma is awarded. Our Academic Department is in Class A of the Accredited List of the Association of Kentucky Colleges. This means that our graduates receive full Freshman rank, without examination, at any college belonging to this association. Sixteen units are required for graduation.

Courses of Study

(Unless otherwise specified each subject constitutes one unit, being five forty-five minute periods per week. A laboratory period is one hour and thirty minutes.)

Classical Course

FIRST YEAR

English I	Algebra
Ancient History	Beginning Latin
Bible (1 hour)	

SECOND YEAR

English II	Algebra (½ unit)
Mediaeval and Modern History	Caesar
	Bible (1 hour)

THIRD YEAR

English III	Plane Geometry
German I	Cicero
Physiology (½ unit)	Bible (1 hour)

FOURTH YEAR

English IV	Physics
German II	Virgil
Bible (1 hour)	

Chemical Laboratory

Scientific Course

FIRST YEAR

English I
Ancient History
Bible (1 hour)
Algebra
Beginning Latin

SECOND YEAR

English II
Mediaeval and Modern History
Botany (½ unit)
Algebra (½ unit)
Caesar
Bible (1 hour)

THIRD YEAR

English III
German I
Physiology (½ unit)
Plane Geometry
Zoology (½ unit)
Bible (1 hour)

FOURTH YEAR

English IV
German II
Physiography (½ unit)
Elementary Surveying (½ unit) elective
Solid Geometry (½ unit) elective
Physics
Bible (1 hour)

Bible

REV. OVERLEY

The study of the Bible will be given its proper place. A four years' graded course has been prepared. The Freshman Class will study the Bible as a whole, using *Hurlbut's Teacher-Training Lessons* as the text. The three higher grades will make more detailed studies of selected sections of the Bible. Maps and charts will be used. This is required of all Academic students.

English

MISS WEEKS

The Department of English aims, first, to train its pupils to think clearly and independently; second, to speak and write simple, clear, idiomatic English; third, to make the pupils acquainted with some of the masterpieces of English Literature, and to train them to understand and to love good literature wherever found.

ENGLISH I.—This course aims, first, to drill the student in the essentials of English construction, not in its technicalities; second, to give him much practice in applying the essential principles of English Grammar to the expression of his own thought and feeling. Composition work, and training in both oral and written expression is required throughout the year. In addition to his class work, the student is required to read selections from easy literature. Textbook, *Book II, Mother Tongue.*

ENGLISH II.—English II reviews the constructions of the eight parts of speech; much time is devoted to syntax and synonyms. Compositions are required frequently; these are based on the required readings and the student's own experience. Six classics are studied during the year. *Hill's Beginnings of Rhetoric and Composition* is the textbook used.

ENGLISH III.—In the beginning of this year's work Narration, Description, and Exposition are studied as a basis of composition work. Most of the time in this course is devoted to the study of the required classics, supplemented by the history of English Literature. *Halleck's History of English Literature* is the textbook used.

ENGLISH IV.—Narration, Description and Exposition are reviewed, and Argumentation with the Elements of Debate is thoroughly studied. The College Entrance Requirements for practice constitute the work in literature for this course. One term of collateral reading is required. Composition work, both oral and written, is required throughout the year.

History

MISS WEEKS

ANCIENT HISTORY.—The development of our modern civilization as traced through the events of history, will constitute the main theme of our two years of historical study. Text, *Myer's Ancient History.*

MEDIAEVAL AND MODERN HISTORY.—This is a continuation of the first year's work and completes the survey of the development of human institutions to their present stage. Text, *Myer's Mediaeval and Modern History.*

Latin

PROFESSOR RICKETTS

BEGINNING LATIN.—A clear, systematic and interesting presentation of the fundamentals of the Latin language is the aim of this course. Text, *D'Ooge's Latin for Beginners.*

CAESAR.—The first four books of Caesar are read, and special attention is given to a review of the principles of Latin Grammar. Text, *Bennett's Latin Grammar, Bennett's Caesar,* and *Pearson's Prose Composition.*

CICERO.—Six orations of Cicero are read; the four against Catiline, Pro Archia, and Marcellus. Texts, *Bennett's Cicero, Bennett's Grammar,* and *Pearson's Prose Composition.*

VIRGIL.—The first six books of the Aeneid are studied. Special attention is given to Prosody. Together with this, Mythology is studied. Texts, *Bennett's Virgil* and *Grammar.*

German

PROFESSOR RICKETTS

GERMAN I.—A foundation is laid for a conversational knowledge of the language. Easy German classics are read, and conversation, based on the reading, is required. Texts, *Kayser and Monteser's Foundations of German,* and *Hewett's German Reader.*

GERMAN II.—More attention is paid to composition and conversation, and more difficult classics are read. The classics given below may be varied to suit the needs of the class. Texts, *Mosher's Wilkommen in Deutschland, Schiller's Wilhelm Tell, Goeth's Hermann und Dorothea, Bernstorff's Handbook of German Grammar.*

Mathematics

PROFESSOR PORTS

The aim of the course in Mathematics is primarily mental discipline and development of accurate conception of space and form. It is desired to make the student familiar with the principles that are applicable to practical problems and to instill the spirit of original work.

ALGEBRA (begun).—The four fundamental operations, factoring, fractions, simple and complex, simple equations, and simple simultaneous equations are covered, as well as the statement of problems by means of equations. Text, *Milne's First Year Algebra.*

ALGEBRA (completed).—This includes involution, evolution, theory of exponents, radicals, quadratic equations, and problems solvable by aid of quadratic equations, graphs, ratio and proportion, progressions, and binomial theorem. Text, *Milne's Standard Algebra.*

PLANE GEOMETRY.—Much attention is given to the solution of original problems, in order to train the student in logical habits of thinking, and to discourage the memorizing of propositions. Text, *Stone-Millis' Plane Geometry.*

SOLID GEOMETRY.—The practical application of principles learned is emphasized in this branch of Mathematics as well as in the others. Thorough drill is continued. Text, *Stone-Millis' Solid Geometry.*

PRACTICAL SURVEYING.—Open to boys who are taking, or who have completed Plane Geometry. Theoretical principles involving trigonometrical calculations are not taken up, but

the practical use of the compass, level, and transit is taught by actual field work.

Natural Sciences

PROFESSOR PORTS

BOTANY.—This subject is presented with special reference to the relation of the plant to its surroundings. Plants are studied from this viewpoint during our botanical excursions. The development of the plant from the seed is studied in the laboratory. The lower plant forms, such as bacteria, molds and algae receive due consideration, particularly in reference to their practical importance in household economics and as disease producers. The course is supplemented by illustrated lectures, using both lantern and microscope slides. Text, *Andrew's Practical Botany.*

ZOOLOGY.—First Semester. Type animals, such as sea anemone, starfish, earthworm, crawfish, frog. etc., are studied by laboratory dissection. Birds and other animals are studied in their relation to agriculture. Text, *Davison's Practical Zoology.* (Not offered in 1914-15.)

PHYSIOLOGY.—Second Semester. This is a course in human physiology, personal hygiene, and public sanitation. Practical matters of health and prevention of disease have an important place in this course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the subject. It is required in all courses. Text, *Blaisdell's Life and Health.* Supplementary reading in *Pyle's Personal Hygiene* and *Tolman's Hygiene for the Worker* is required.

PHYSICS.—The importance of the study of Physics, especially by the laboratory method, is now universally recognized. Forty individual experiments are given, besides numerous demonstrations by the instructor. Emphasis is placed on the practical aspects of the subject. Texts, *Hoad-*

ley's Elements of Physics Revised, and *National Physics Note Book.*

PHYSIOGRAPHY.—This is a laboratory and field course in the study of land forms, together with studies in weather conditions. The work follows mainly *Davis' Physical Geography Atlas.*

NORMAL DEPARTMENT

PROFESSOR B. C. LEWIS

The public schools of our state are making rapid strides forward. Every year more is required of the public school teacher. It is the purpose of this department to keep abreast of the times educationally and to prepare teachers to do their most efficient work and to command the highest wages.

Persons not teaching may enter the regular eighth grade work in the Fall. At the opening in January, Normal Classes will be organized in all the common branches, continuing for the remainder of the school year. Classes in Psychology, and Theory and Practice will also be conducted. Equipment has been added for textbook and experimental work in Agriculture.

Many Normal students often desire to take some higher work. For the benefit of such, classes will be organized in January in beginning Latin and Algebra. Persons desiring still higher work can find suitable classes to which they can easily adjust themselves. Literature and other work necessary to prepare for the examination for state certificate will also be given.

The textbooks in the common branches will be mostly those adopted by the State Board. The professional texts will be *Seeley's History of Education* and *Roark's Psychology and Methods.*

ELEMENTARY SCHOOL

WILBUR S. EDWARDS

Grammar Room, Seventh and Eighth Grades

AMELIA BALLINGER

Intermediate Room, Fourth, Fifth and Sixth Grades

MARY E. DAVIS

Primary Room, First, Second and Third Grades

The Elementary School will henceforth be distinctly separate from the Normal Department. The work of each of the grades, including the Seventh and Eighth, will be independently continued throughout the year. A separate Normal Class will be organized after Christmas as stated under the Normal Department. Students coming in at this time who are not able to carry the advanced Normal work may enter the Seventh and Eighth Grade classes, but the regular work of the Grammar room will not be interrupted for this purpose.

The course as outlined below will be carefully followed and the yearly grades of the student entered in our grade book. It will be necessary to complete the course as outlined before receiving our Eighth Grade diploma. Pupils entering the Elementary School from other schools must present credits showing their standing, or must submit to examination to determine their proper classification.

Primary Department

MARY E. DAVIS

FIRST GRADE

READING.—By means of pictures the children are given a large vocabulary of sight words. The word, sentence and

action method combined soon give them the ability to read script. Blackboard reading is used altogether for the first few months; then the Primer is introduced. The phonic sounds of the letters are taught to assist the children in making out new words for themselves.

WRITING.—The Montessori method is used. By means of sandpaper letters the muscles are trained so that the child can write before he holds a pencil. All the small and capital letters are taught.

SPELLING.—Words are learned first only as wholes. Toward the end of the first year the names of the letters are learned and formal spelling is begun.

NUMBERING.—Counting to 100 and the combinations up to 20 are learned. The sandpaper figures teach the correct formation. Simple problems in addition and subtraction are given.

LANGUAGE.—The children are taught to express themselves freely in complete sentences. The common grammatical mistakes receive special attention. Simple work in dictation and composition is begun near the end of the first year. Poems are learned and rhymes and stories dramatized.

SECOND GRADE

READING.—Second and supplementary readers are used. Special effort is made to teach the children to read naturally, as they talk.

SPELLING.—The formal spelling of the first grade is continued. Words suited to the mental grasp of the children are selected from the State Spelling Book, and the children learn to pronounce, spell, and use them in sentences.

NUMBERING.—Counting and writing figures to 1000. The combinations of addition and subtraction are thoroughly taught, and more elaborate work is done in both lines.

LANGUAGE.—The oral work of the previous grade is continued and enlarged. More elaborate work in composition

is done. The marks of punctuation and forms of sentences are learned and used frequently. Good poetry is studied and stories dramatized.

THIRD GRADE

READING.—Third and supplementary readers are used, special attention being paid to expression.

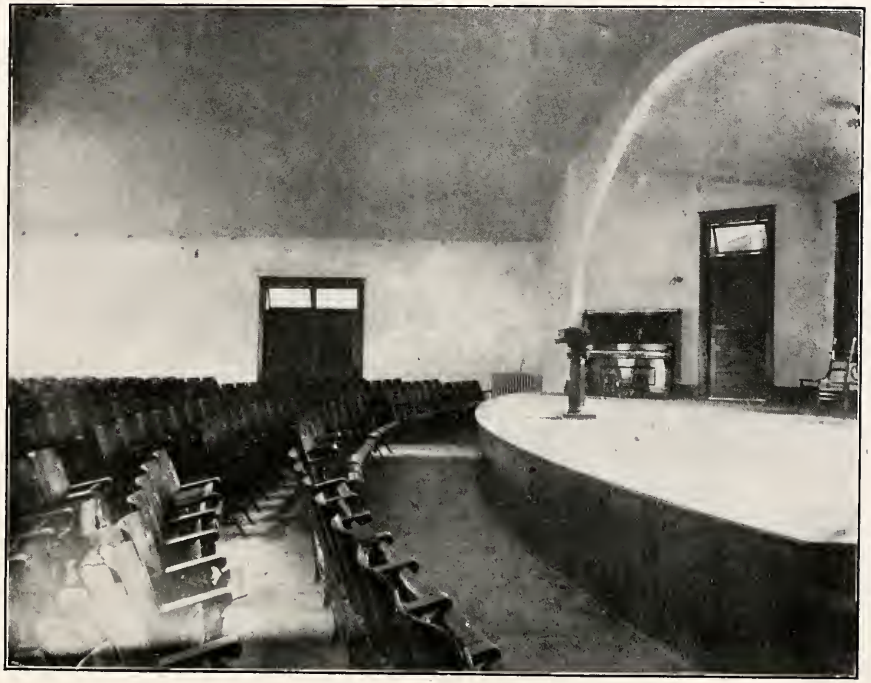
SPELLING.—The work of the second grade is continued and advanced.

NUMBERING.—The work of the second grade is reviewed. The multiplication tables through the sixes are learned and simple multiplication and division taught. Counting and writing figures to 1,000,000. Reading and writing in dollars and cents. Measuring with a foot rule; the value of an inch, foot and yard.

LANGUAGE.—Work of the second grade is continued. During the oral work talks are given on nature study, physiology, morals, etc. Original composition work and letter writing are given special attention. Stories dramatized by the children are "acted out" to give them freedom of expression and movement. Poems are learned and simple poems written.

GEOGRAPHY.—The forms of land are learned, built in the sand table and traced out of doors. The forms of water are treated similarly. Simple facts in physical geography are taught, and when possible, worked out by the children. A daily record of the weather is kept and changing conditions due to the seasons are noted. In connection with this subject the lives of some of the great explorers are studied.

HISTORY.—Beginning with the life of the primitive cave man the children work out the conditions of the age and rediscover fire, reinvent weapons, and the primitive art. This leads up to the life of the shepherd peoples, then to the agriculturists, then to the merchants, then to community life and so on to our present civilization.



Chapel

ALL GRADES

BIBLE STUDY.—Verses suited to the various grades are committed to memory. A short chapel service is held every morning.

STORY TELLING.—Twice a week stories are told to the children. In this way they become familiar with the world's best literature. They are encouraged to reproduce these in all possible ways.

GAMES AND GYMNASTICS.—Five minutes, twice a day are given to gymnastics, games and exercises, to give the children muscular control and ability to follow directions rapidly.

DRAWING.—The children are encouraged to express themselves freely in this way. In the second and third grades the Arts and Crafts course is used.

HANDIWORK.—Folding, cutting, tearing, pasting, weaving, painting, crayoning, and cardboard construction are used through the grades to give finer co-ordination of the muscles and teach the children the use of their hands. By these occupations they prepare most of the materials for supplementary work, make toys, and decorate the room.

MUSIC.—Once a week the children have a vocal lesson with the College music teacher. Each morning they have songs at their opening exercises.

Intermediate Department

AMELIA BALLINGER

FOURTH GRADE

READING.—Fourth Reader and grade library books. Silent reading is practiced. Phonic exercises and drill are given.

LANGUAGE.—Oral and written reproductions of descriptions. Paragraphing and letter forms are taught. Simple rules of good usage are formulated. Drill is given on correct use of capitals, punctuation, etc.

SPELLING.—Words from the daily lesson and from the spelling book.

ARITHMETIC.—Roman numerals, I to C, and by hundreds to M, are taught. United States money, using "College Currency" from the Business Department, is used in practical exercises. Simple problems connected with daily life are given. Problems in bills and accounts, where one of the factors is twelve or less, are used. Simple cancellation, simple problems in fractions, and dry measure are introduced.

GEOGRAPHY.—The continents are studied in reference to position, form, size (as compared with other continents), relief, drainage, distribution of population and political divisions. Small globes are provided for individual use so that the pupil becomes familiar with the earth as a sphere.

HISTORY.—No text is used this year, but stories of important historical characters are told by the teacher and read by the pupil.

HYGIENE.—The principal facts of physiology are taught from a simple text book to give background for practical lessons in hygiene.

FIFTH GRADE

READING.—The Fourth Reader is continued and suitable classics are read. The children are taught the use of the dictionary and reference books. Careful attention is given to emphasis, inflection, and the tone of voice. Tennyson's *The Brook;* Holmes' *Old Ironsides;* Shakespeare's *Lullaby to Titania* are to be memorized.

LANGUAGE.—Simple compositions are written from outlines. Pictures are studied and compositions written about them. The simple declarative sentence is studied.

SPELLING.—The fourth grade work is continued.

ARITHMETIC.—Decimals, aliquot parts, square and cubic measure and avoirdupois weight are introduced. Practical

exercises in buying and selling by weight, using "College Currency" and balances from the laboratory, are much enjoyed by the children of this grade.

GEOGRAPHY.—The political divisions of the continents are studied, following in general this outline; position, form, size, relief, drainage, climate, soils, vegetation, animal life, mineral wealth, manufacturing, distribution of population and chief trade routes. The geography of Kentucky is studied somewhat in detail following the above outline.

HISTORY.—A simple text on American History is studied.

HYGIENE.—The same textbook is continued and simple supplementary reading on the prevention of disease is required.

SIXTH GRADE

READING.—The Fifth Reader is used. The use of dictionary and library books is continued. Lowell's *The First Snowfall;* Read's *Sheridan's Ride* and Wolfe's *Burial of Sir John Moore* are to be memorized.

LANGUAGE.—Model narrations, descriptions, and expositions are studied and imitated in original work. The paragraph is studied. The rules for punctuation are reviewed.

SPELLING.—The work of the Fifth Grade is continued. Stems, prefixes, suffixes and synonyms are studied.

ARITHMETIC.—Fractions and percentage are continued. Simple interest and foreign money are taken up. Forms of bills and accounts are studied by practical work. Special emphasis is placed on problems dealing with agriculture.

GEOGRAPHY.—The subject is studied more in detail than in the Fifth Grade, with an introduction to the causes that produce the land forms, wind, ocean currents, etc.

HISTORY.—A more advanced text is used and an effort is made to have the children appreciate the historical trend of events. A brief introduction to European history is given.

HYGIENE.—Models and lantern slides from the biological laboratory are used during this year. Principles of first aid to the injured are taught.

ALL GRADES

DRAWING.—A graded course using the *Practical Drawing* series is taught.

MUSIC.—Weekly lessons in sight singing are given by the voice teacher.

NATURE STUDY.—This is not taught as a separate subject, but is correlated in a practical way with reading, drawing, geography and physiology.

PENMANSHIP.—A graded series of copy books is used and the pupil is required to use care in all written exercises.

BIBLE STUDY.—A daily chapel exercise is held and Bible passages are committed to memory. Biblical characters are studied.

Grammar Department

PROFESSOR EDWARDS

SEVENTH GRADE

GRAMMAR.—Technical study of sentences is begun. Phrases and clauses are studied. Words are parsed. Drill is given in the use of tenses. The conjugation of the verb is begun.

READING.—This comprises appreciative reading of such selections as: Browning's *How They Brought the Good News from Ghent to Aix*, Cooper's *The Spy*, and Dickens' *Christmas Stories*.

LANGUAGE.—Students are required to write descriptions, narrations, characterizations, expositions and personal letters based upon their reading and experience. The work is correlated with both the reading and the grammar.

ARITHMETIC.—Interest is studied, including commercial paper and compound interest as applied to saving's bank

accounts. Drill is given in the operations of depositing money, drawing checks and figuring interest. Ratio, simple proportion, powers and roots, are studied. Mensuration is reviewed and careful drill is given including measurement of contents of such solids as sphere, pyramid and cone. Agricultural problems are solved.

HISTORY.—Kentucky History occupies first half of year. American History is taken the second half, going through the Revolutionary period. Collateral reading is required. History is correlated with geographical studies.

PHYSIOLOGY.—More advanced textbook than in the sixth grade with the emphasis still placed on hygiene, more detailed study is given to foods, the nervous system and the special senses.

GEOGRAPHY.—A more advanced text is used. Special reference is given to the political divisions of the continents and to racial characteristics as influenced by natural causes.

EIGHTH GRADE

GRAMMAR.—Analysis and synthesis of sentences are studied. Verbs are studied with reference to class, inflection and syntax. The conjugation of the verb is completed. The whole subject is systematically reviewed.

READING.—The appreciative reading of such selections as Hale's *The Man Without a Country,* Longfellow's *The Skeleton in Armor,* and Lowell's *Under the Willows.* The work should comprise the reading of about three prose selections of the length of the *Man Without a Country* and one poetic selection similar in length to Scott's *Lady of the Lake* or about six shorter poems of the length indicated above.

LANGUAGE.—Composition work is continued. Descriptions and arguments from selected portions of the classics read are analyzed. Drill is given on correct oral and written forms. Special attention is given to the writing of business letters.

ARITHMETIC.—Drill is given in rapid calculation. Practice is given in interest computation, using short methods. Simple algebraic formulas are introduced. Practical problems suited to the various courses of study pursued by the students are solved.

HISTORY.—American History is completed, and the whole subject is reviewed. Collateral reading is continued.

AGRICULTURE.—This is a textbook course with a number of demonstrations and a few simple individual experiments such as testing seed corn, soil porosity, etc. Practical observations in the field are made. One half year, beginning after Christmas.

GEOGRAPHY.—This is a study in Commercial Geography, running one-half year. It comprises studies of areas of production, agricultural and mineral resources, trade routes, and movements of civilization, showing how these are based on geographical conditions.

BOTH GRADES

PENMANSHIP.—Students are graded on the penmanship of all written exercises. Drill is given in writing from dictation.

SPELLING.—All written work is graded on spelling. The recitation work follows the speller adopted by the State Board.

Room in Fanny Speed Hall
Girls' Basket Ball Field

Parlor, Fanny Speed Hall
Corridor, Fanny Speed Hall

DEPARTMENT OF MUSIC

The demand for more and better music increases year by year. Today, it is not only sought for in refined and cultured circles, but is demanded in all forms of church and school work. No student's education is complete without some knowledge of music.

The courses of study here prescribed are for earnest students who want to attain real excellence. Since many have in mind the work of teaching, their needs are specially provided for.

A diploma is awarded for the completion of the course as outlined in the catalog. Each grade should take one year to finish, two periods per week. The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature cannot here be given. The student must finish at least three years of Academic work before receiving the diploma in music.

Pianoforte

MISS LOVELACE

FIRST GRADE.—After learning the notes, rests, etc., careful attention is given to development of finger touch and of a round and full legato. Technical studies are given for muscular development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the second grade.

SECOND GRADE.—This consists of major scales and common chord arpeggios, hands separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op. 65, books 2 and 3; Kohler, Op. 50; Sonatinas by Kuhlan, Dussak, and others. Pieces by Haydn, Schumann, Mozart, and modern composers.

THIRD GRADE.—Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66; selections from Heller, Op. 47; Sonatas from Mozart and Haydn; Field's Nocturnes; Compositions by Gurlitt, Moskowski, Mendelssohn, and others.

FOURTH GRADE.—Major and minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs without words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, and modern composers.

FIFTH GRADE.—Major and minor scales, hands together at the metronome rate of 116; common chord arpeggios at the rate of 100; Dominant and diminished sevenths at the rate of 100. Cramer Etudes; Bach's Inventions; Octave Studies; Schubert's Impromptus; Chopin's Waltzes; Beethovin's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell and others.

SENIOR YEAR.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished sevenths at rate of 116; major and minor scales in double thirds, chords, octaves, hands separate, at metronome rate of 80. Clementi's Gradus ad Parnassus; Bach's well-tempered Clavichord; Selections from Handel's Suites; Bach's English and French Suites; Beethoven's Variations; Mendelssohn's Scherzos, Chopin's Pollonaises and Nocturnes; modern composers. Students in this grade should practice at least three hours a day. Before completing the course in music, pupils must pass a creditable examination in Practical Harmony and Theory, and have at least one year in History of Music.

Recitals are given each quarter, all students of the Music Department participating, at the discretion of their instructors.

Voice

MISS LOVELACE

Special emphasis is given from the first to tone formation and proper breathing. Exercises in the development of the voice, in articulation, in expression and in the art of phrasing are given each year with increasing degrees of difficulty. Vocal scales are practised. Easy, pleasing songs by good composers are studied the first and second years, while songs by Schubert, Schumann, Mendelssohn, with selections from oratorios and operas are used during the third and fourth years. Precision of tone and flexibility of voice are developed by scale exercises and vocalises by Marchesi and others.

Violin

WILLIAM M. BAKER

The violin is the nearest approach to the human voice of all musical instruments. Its music is an endless source of delight. It is splendid for solo work, is indispensable for orchestra work and is excellent for accompanying voices in singing. For the cultivation of a fine musical ear there is nothing superior to the study of the violin. We offer a carefully graded course covering four years' work. An orchestra will be maintained in which the student will have the opportunity of studying ensemble playing to supplement his individual work.

MUSICAL ORGANIZATIONS

Orchestra

WILLIAM M. BAKER

This organization is maintained for the training that it gives the student in music and for the pleasure that such an organization gives the school and its patrons. An orchestra is always in demand to add to the delight of an evening's program. The college owns a few of the foundation instruments for this organization.

Band

A good band is recognized as an important adjunct to a school.

The permancy of this organization is assured by the fact that the college owns its own set of instruments.

Mandolin Club

This, too, is placed upon a permanent basis, the college owning a set of eight mandolins and one mandola for the use of the club. This organization is for young ladies and is open to any young lady in the school until the instruments are all taken up.

College Chorus

MISS LOVELACE

This is the organized class in chorus work and should prove a helpful and delightful addition to the musical features of the school.

First House built in Kentucky. (The site of this house is four miles from Barbourville.)

DEPARTMENT OF EXPRESSION

Miss West

The object of this department is to train the body and the voice. Exercises are given to develop the poise of the body, freedom of gesture, ease of manner and self-confidence. Careful attention is given to proper articulation so that one's thoughts may be stated clearly and attractively. Though special attention is given to public speaking, yet the aim of the department embraces more than this. In every line of human activity the proper use of the voice is an important factor. Business men, salesmen, teachers, trained nurses, and others give much more proficient service from having a well trained voice and manner, as well as public speakers. A broad training in handling voice and gesture that is suited to the needs of all classes is the aim of this department.

The regular course, for the completion of which a diploma is given, is outlined below and consists of two private lessons and two class lessons per week. It is designed to run parallel with our four year Academic course. At least three years of the Academic course, or their equivalent are necessary before the diploma in Expression will be granted. Students taking "half time" will pay one dollar extra per month for the class work.

Course of Study

First Year

Physical Culture	Fundamental Voice Training
Literary Interpretation	Platform Department
Recitals	Visible Speech

Textbook, *Evolution of Expression, Vols. I and II.*

Second Year

Physical Culture
Responsive Drill
Vocal Technique
Literary Interpretation
Visible Speech
Vocal Physiology
Expressive Voice
Tennyson, Kipling, Browning
As You Like It, or The Merchant of Venice
Recitals

Textbooks, *Evolution of Expression, Vols. III and IV. Philosophy of Physical Culture, Expressive Voice Culture.*

Third Year

Physical Culture
Expressive Voice
Gesture
Hamlet
Dramatic Art
Recitals
Vocal Technique
Extemporaneous Speaking
Debate
Pantomime
Macbeth

Textbooks, *Perfective Laws of Art, Vols. I and II. Practical Public Speaking.*

Fourth Year

Physical Culture
Anatomy
Vocal Technique
Faust
History of Oratory
Twelfth Night
Recitals

Textbooks, *Perfective Laws of Art, Vols. III and IV, Philosophy of Gesture.*

Art Studio

DEPARTMENT OF ART

MARGARET SPRATT

The aim of this department is to ground the pupil in the fundamental principles of Art and to cultivate some of the high faculties of the mind. As to the benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensable in all departments of mechanics, and that a knowledge of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and the means of making homes more cheerful and attractive.

The regular course in Art embraces four years' study of two periods per week. A diploma is awarded for the completion of this course. The student must have at least three years of Academic work before the diploma will be awarded. The exact time required for the completion of the course will naturally vary with the ability of the student; since a certain degree of proficiency is required to entitle the student to the diploma regardless to the time used.

The course is as follows:

First Year

Pencil, charcoal, and pen and ink drawing from plaster casts and still life. Study of perspective and artistic groupings.

Second Year

Drawing continued, using more difficult objects. Water colors introduced. History of Art.

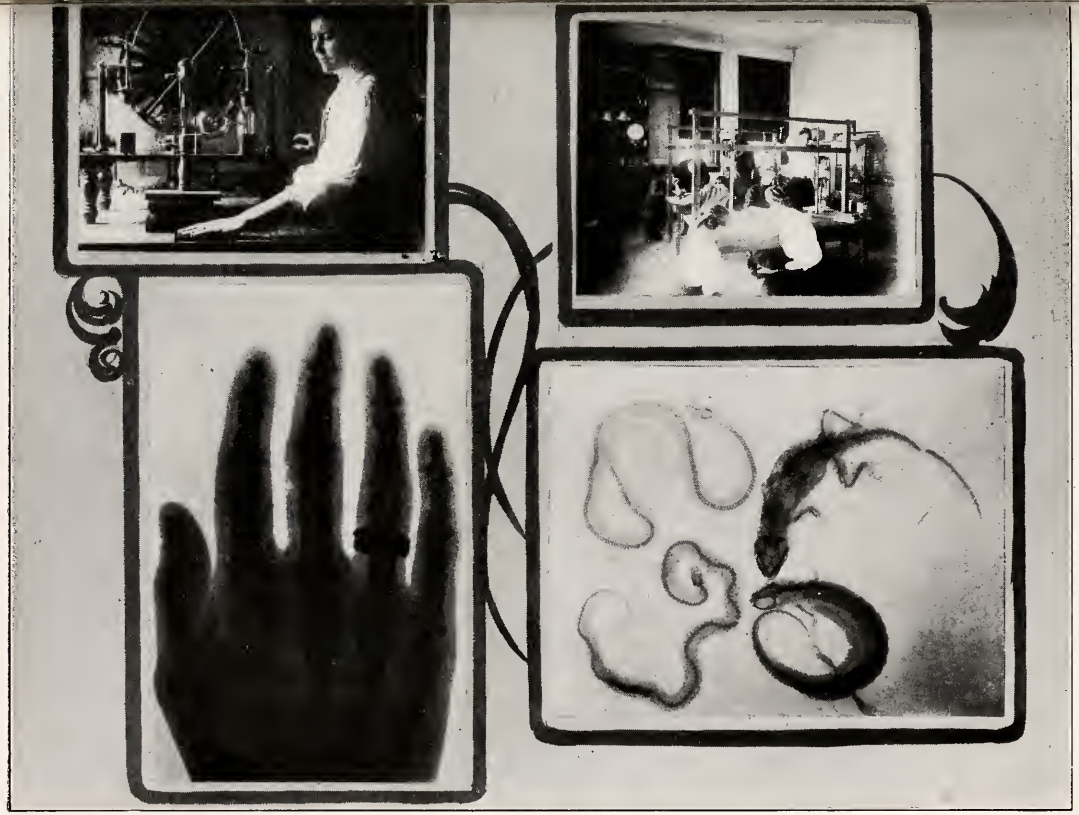
Third Year

Drawing continued and special attention to artistic grouping. Photographs and miscellaneous works of art are studied from this view point. Water colors continued and

work in oil begun. Outdoor sketching, pastel, pierced brass, clay modeling, stenciling and china painting are optional this year.

Fourth Year

Drawing, water colors and oil continued and such optional branches as the student has selected. Study in principles of design.



Making an X-Ray Photograph
X-Ray Photograph of Human Hand
Physics Class at Work
X-Ray Photograph of Small Animals

WORK IN PHYSICS

BUSINESS DEPARTMENT

MISS CREAL

Our school is situated in a region of rapid industrial growth, where the demand for trained office help is constantly increasing. The development of the coal fields of Eastern Kentucky has brought about an unprecedented demand for expert bookkeepers and stenographers. Union College proposes to prepare young people to meet this demand by offering thorough courses in commercial branches. A teacher has been secured who has had experience in both public school and commercial school teaching. Thorough instruction is assured.

The two principal courses are Bookkeeping and Stenography.

The former embraces theory of bookkeeping, commercial arithmetic, penmanship, business forms, spelling, etc.

The stenographic course includes theory of shorthand, dictation, typewriting, business letters, penmanship and spelling.

The tuition for either of the above courses is $10.00 per month, supplies extra.

Special courses in the above subjects for Academic students, running one hour per day are offered.

Students of the Business Department have the same Dormitory privileges as the students of any other department and are under the same school rules.

More complete information concerning this department will be furnished on request.

EXPENSES

The charges as given below are for the school year of 36 weeks. There are nine school months, of four weeks each, four months before Christmas and five months after. The session before Christmas is designated as the First Term, and the session after Christmas, the Second Term. The payment covering the first term is due at the opening of school, September 1st, and the payment for the second term is due on the resumption of school after the holidays, January 5th. By special arrangement, the payments may be made by the month instead of by the term, but it is necessary that they be paid in advance. Students are not allowed the privileges of the classroom when bills are unpaid.

When as many as three students from the same family attend, a reduction of ten percent will be made on the tuition.

When the student enters school it is understood that he enters for a full term. All of our charges are made on this basis. It is hoped that no parent or student will plan for less than this. If a student withdraws before the middle of the term for any reason other than sickness, ten per cent will be added to the regular charge for the time he was in school; if he withdraws after the middle of the term, but before its conclusion, five per cent will be added. Any payment of board in advance beyond the time of leaving will be returned, subject to the above condition.

The student is held responsible for any damage to school property.

Tuition, Per Year

(Nine School Months)

Academic	$30.00
Normal	18.00
Seventh and Eighth Grades	18.00

Fourth to Sixth Grades	18.00
Second and Third Grades	13.50
First Grade	9.00
Piano, two lessons per week	36.00
Violin, two lessons per week	36.00

Art, Expression and Voice, same as Piano.

Laboratory Fees

Physiography, Botany and Physiology, each	1.50
Zoology	2.00
Normal Physiology	1.00
Physics	6.00
Chemistry	6.00

Breakage, which is usually due to careless handling of apparatus, is charged extra.

Miscellaneous Fees

Piano rental, one hour daily	$ 6.00
Mandolin Club fee	3.00
Orchestra fee	3.00
Band fee	3.00
Key deposit, Boy's Hall (Refunded when key is turned in)	.50
Gas fee, Fanny Speed Hall (Optional)	1.00
Special examinations	.50
Academic, Music, Art, or Expression diplomas, each	5.00
Eighth Grade diploma	2.00

Board and Room

Board and Room, including light, heat and water	85.00
Board and Room, if paid by the month	9.50

ROLL OF ALUMNI OF UNION COLLEGE

Collegiate Department

With Degree of Bachelor of Arts.

1893

James Perry Faulkner, (M. A., In cursu, 1896)....Berea, Ky.
In charge of Tuberculosis Exhibit Car, Kentucky Tuberculosis Commission.

John Elbert Thomas .....Cincinnati, O
Pastor Columbia M. E. Church.

1894

John Henry Byrley .....Atlanta, Ga.
Insurance.

Charles Helder Gibson .....Corbin, Ky.
Commercial Salesman.

James Samuel Lock, M. D.....Barbourville, Ky.
With Rockefeller Sanitary Commission, Hookworm Department.

1895

Alexander Francis Felts.....East Maysville, Ky.
Pastor M. E. Church.

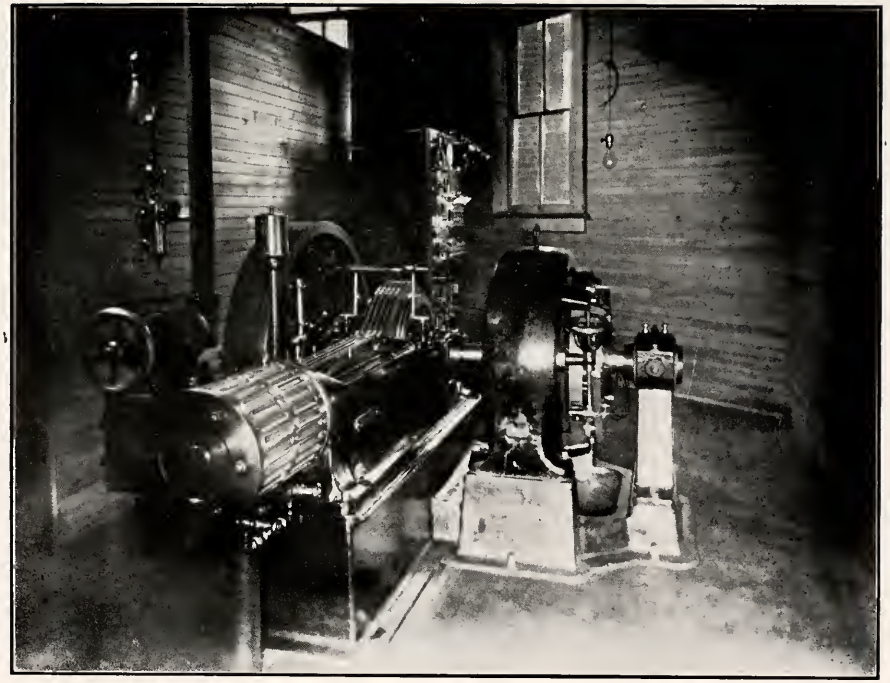
Leslie Hudson.
Deceased.

Sarah Elizabeth Lock, 3927 Prospect Place, Kansas City, Mo.
(Mrs. Geo. H. Wilson.)

Daisy Chastine Tinsley .....Atlanta, Ga
(Mrs. Dr. Catron.)

Maude Ellen Tinsley .....Cattlettsburg, Ky
(Mrs. Harry Marcum.)

George Harmon Wilson, 3927 Prospect Place, Kansas City, Mo.
Attorney-at-Law.



College Power House

1896

William Carson Black, M. D. .....Barbourville, Ky.
Mine Operator.

James Pogue Gibson .....Corbin, Ky.
Commercial Salesman.

George Edwin Hancock, (M. A. In cursu, 1899).
Deceased.

Edward Warren Tinsley.....4624 Lake Ave., Chicago, Ill.
Life Insurance.

1897

Fred Trigg Kelley .....Russell, Ky.
Pastor M. E. Church.

May E. Lock .....Atlanta, Ga.
(Mrs. J. H. Byrley.)

1898

Victor Vance Anderson, 1000 Mass. Ave., Cambridge, Mass.
Criminal Court Psychiatrist and Teaching Fellow in Harvard University, M. D. Harvard Medical School.

1899

John Black Hudson .....Victoria, Tex.
Pastor First Presbyterian Church.

John Eve Matthews, 1607 Mt. Vernon Ave., Philadelphia, Pa.
Mechanical Engineer.

1900

Della Jewell Johnson .....1014 Madison St., Covington, Ky.
(Mrs. Dr. Rankin.)

Maymie Hannah Johnson .....Pineville, Ky.
Principal Johnson Seminary.

Henry Clay Black .....Johnson City, Tenn.
President City National Bank.

George Augustus Lock .....604 Haston St., Kansas City, Mo.
Insurance.

1901

Grant Perkins, B. D. .....Orion, Mich.
Pastor M. E. Church.

J. Will Harris, Ph. D. .....San Jose, Cal.
Chair of Psychology, University of Southern California.

1902

(No Graduates.)

1903

Margaret Gill Burnside.....Barbourville, Ky.
(Mrs. Margaret Burnside Byrley.)

1904

Roxye Leona Wilson.....2113 Vine St., Cincinnati, O.
(Mrs. Podesta.)

1905

Joseph A. Bretz, B. D.....Mt. Dora, Fla.
Pastor Methodist Church.

1906

Lawrence G. Wesley .....Remington, Ind.
Superintendent Remington High School.

Cora Grindstaff .....Holden, Ky.
At Home.

Laura Grindstaff .....Holden, Ky.
At Home.

1907

Earnest Faulkner, LL. B.....Barbourville, Ky.
Attorney, with firm of H. C. Faulkner & Sons.

Lena Wilson .....Warren, Ky.
(Mrs. Keesley.)

1908

Edward P. Hall, B. D.....Bellevue, Ky.
Pastor M. E. Church.

Junior Collegiate Department

1913

Charles Leroy Howes .....Cynthiana, Ky.
A. B., 1914, Berea College, Berea, Ky.

Academic Department

1908

Thomas A. Wood, (B. S. Wesleyan University, 1913) ..... Sevierville, Tenn.
Head of Science Department, Murphy College.

Mary Ballinger.
Deceased.

Howard Trent ..... Gallup, Ky.
Pastor M. E. Church.

J. Spencer Singleton ..... Uniontown, Ky.
Superintendent of Schools.

1909

Thomas Bradley Ashley ..... Bowling Green, Ky.
Pastor M. E. Church.

Charles G. Black ..... Barbourville, Ky.
With A. W. Hopper's Store.

J. Loyd Decell ..... Osyca, Miss.
Pastor M. E. Church.

Robert W. Howes ..... Oddville, Ky.
Pastor M. E. Church.

Laura Greer Easley (A. B. Goucher College, 1913) ..... Wilmington, Del.
Teacher.

Nancye Kincheloe ..... Hardinsburg, Ky.
At Home.

Sudie Pauline Newman ..... Cincinnati, O.
Deaconess, Elizabeth Gamble Deaconess Home.

Hattie Jean Stansberry ..... Pineville, Ky.
(Mrs. H. B. Jones.)

Samuel Bruce Hardy ..... Huntington, W. Va.
With Bank Supply Co.

1910

Amelia Ballinger ..... Barbourville, Ky.
Teacher.

Grace Bellaire Berry .....Olive Hill, Ky.
At Home.
Verdie Colson .....Gibson Station, Va.
At Home.
Idella Kincheloe.....Hardinsburg, Ky.
Music Student.
B. C. Lewis .....Barbourville, Ky.
Principal, Normal Department, Union College.
William Clark Mace .....Coquille, Ore.
Student in Agricultural College.
Edgar B. Wesley .....Bethelridge, Ky.
(B. A., Baldwin Wallace College, Berea, O.. 1914.)
Teacher.
Oscar Wesley .....Canton, S. D.
Teacher.
Mary Rice Wilson .....Danville, Ky.
(Mrs. Charles Guthrie).

1911

Ellen Bryan Clark .....Millersburg, Ky.
Teacher.
Ida Mae Cole .....Barbourville, Ky.
(Mrs. W. S. Hudson.)
Anna Mae Creech .....Pineville, Ky.
Student, Ruskin Cave College, Ruskin Cave, Tenn.
Guy Leslie Dickinson .....Middlesboro, Ky.
LL. B., 1914, State University, Lexington, Ky.
Norma Bruce Elliott.....Vanceburg, Ky.
Music Teacher.
Nancye Lee Faulkner.....Barbourville, Ky.
Art Teacher.
Anna Royston Griggs.....Richmond, Ky.
Teacher.
Charles Leroy Howes.....Cynthiana, Ky.
(See Junior Collegiate Department.)
Lallah Rookh Johnson.....Pineville, Ky.
Teacher.

Ladies' Basket Ball Tean

Harrison W. Large.....Dishman, Ky.
Student German-Wallace College, Berea. O.
Mary Dora Laughlin.....Brooksville, Ky.
Teacher.

1912

Lucy Ballinger.....Barbourville, Ky.
Art Student.
Pearl Allyn Bastin.....325 Linden Walk, Lexington, Ky.
Student State University.
Hallie Ester Cheap.....Bethelridge, Ky.
Teacher.
Myrtle Cole.....Barbourville, Ky.
Art Teacher.
Lillian Anna Mae Harrop.....Latonia, Ky.
At Home.
Walter Monroe Jarvis.....Barbourville, Ky.
With People's News.
Bertha Lockhart Norris.....Vanceburg, Ky.
Art Teacher.
Kathleen Brennan Sullivan.....White Hall, Ky.
Student State University, Lexington, Ky.
Naomi Oldham Tuttle.....Winchester, Ky.
Student State University, Lexington, Ky.

1913

Annie Dee Albright.....Barbourville, Ky.
At Home.
Anna Cronley Ballinger.....Barbourville, Ky.
Teacher.
John List Carroll.....Portsmouth, O.
With the Irving Drew Shoe Co., Portsmouth, O.
Ollie Elnora Cole.....Barbourville, Ky.
At Home.
Maud Cole.....Barbourville, Ky.
At Home.
Ruth Decker.....Barbourville, Ky.
Student, Kentucky Wesleyan, Winchester, Ky.

Robert Faulkner .....Barbourville, Ky.
With Tuberculosis Exhibit Car.

Louise Jesson .....Corbin, Ky.
Taking training in Hospital, Knoxville, Tenn.

Mabel Jacobs Matthews.....Knoxville, Tenn.
Teacher.

Earl Mayhew .....Lexington, Ky.
Student State University.

Verna Gillraith Noe.....Harlan, Ky.
Teacher.

Thelma Edythe Stratton.....Augusta, Ky.
Expression Teacher.

Edward William Scent.....Barbourville, Ky.
Microscopist, with Hookworm Commission.

Richard Brittain Tuggle.....Barbourville, Ky.
Student, Center College, Danville, Ky.

Anna Melvin Walton.....Livingston, Ky.
At Home.

John Henderson Young.....Louisville, Ky.
Student, Louisville Medical College, Louisville, Ky.

1914

(See student roll.)

Music Department

1908

Joan Easley.....1212 Jefferson Ave., Wilmington, Del.
Music Teacher.

1909

Emma Weaver.....Alderman, W. Va.
Music Teacher.

1911

Ida Mae Cole.....Barbourville, Ky.
(Mrs. W. S. Hudson.)

Norma Bruce Elliott.....Vanceburg, Ky.
Music Teacher.

1913

Ollie Elnora Cole.....Barbourville, Ky.
At Home.

Summary of Graduates

Collegiate	35
Junior Collegiate	1
Academic	61
Music	5
	102
Less duplicates	98

Alumni Classified According to Occupation

Teachers	28
Ministers	13
Students in advanced schools	13
Married alumnae at home	11
Unmarried alumnae at home	10
Public Health Service	5
Attorneys-at-Law	3
Insurance	3
Physicians	3
Commercial Salesmen	2
Business	3
Deaconess	1
Banker	1
Mechanical Engineer	1
Printer	1
Taking hospital training	1

Note

Alumni are urged to send us their addresses in case of change and to notify us of any omissions or errors in our roll.

ROLL OF STUDENTS

1913-14

GRADUATES 1914

Academic

Lura Mae Faulkner
Ethel Wilhelmina Owens
Peter Gregory Jurich

Eighth Grade

Sarah Lee Bilbrey
Carrie Beatrice Page
Hortense Kelley
Emoline E. Sampson
Mae Charlotte Meade
Burch Wylie

Academic Department

Albright, Martha ..... Barbourville, Ky.
Arterberry, Handly D. ..... Monroe Co., Ky.
Ball, Millard ..... Harlan Co., Ky.
Booze, Margaret ..... Barbourville, Ky.
Brown, Stanley ..... Barbourville, Ky.
Campbell, John W. ..... Knox Co., Ky.
Colson, William G. ..... Virginia
Comley, Henry ..... Jessamine Co., Ky.
Cornett, Mary ..... Harlan Co., Ky.
Douglas, Grace ..... Bell Co., Ky.
Englehart, Ada ..... Michigan
Faulkner, Russell ..... Barbourville, Ky.
Freeman, Alma ..... Barbourville, Ky.
Freeman, Everett ..... Barbourville, Ky.
Fuller, Odis ..... Barbourville, Ky.
Goodin, Anna ..... Bell Co., Ky.
Haggard, Auda ..... Casey Co., Ky.
Hall, Edna ..... Harlan Co., Ky.
Hershberg, Marks ..... Barbourville, Ky.

Hinkle, Clarence	Barbourville, Ky.
Hubbard, Floyd	Barbourville, Ky.
Hubbard, Henry	Barbourville, Ky.
Jett, Beach	Breathitt Co., Ky.
Johnson, Gladys	Barbourville, Ky.
Jones, Charles	Barbourville, Ky.
Jones, Nelle	Barbourville, Ky.
Jurich, Peter G.	Austria
Kincaid, William C.	Owsley Co., Ky.
King, Geo. Arthur	Barbourville, Ky.
Lewis, Karl E.	Barbourville, Ky.
Lock, Katherine K.	Barbourville, Ky.
May, Beulah	Barbourville, Ky.
McClancy, Elizabeth	Tennessee
McClancy, Mary	McCreary Co., Ky.
Meade, Islay	Indiana
Miller, Stewart	Barbourville, Ky.
Mitchell, Lillian	Barbourville, Ky.
Partin, Siler L.	Barbourville. Ky.
Putnam, Florence	Barbourville, Ky.
Riley, Maymie	Barbourville, Ky.
Sampson, Dowis	Barbourville, Ky.
Sampson, Pauline	Barbourville, Ky.
Simms, Algin T.	Barbourville, Ky.
Stanfil, Clyde	Barbourville, Ky.
Stansbury, Albert	Barbourville, Ky.
Stansbury, Joe D.	Barbourville, Ky.
Steele, Gertrude A.	Barbourville, Ky.
Steele, Gladys V.	Barbourville, Ky.
Swearingen, Clarence	Lewis Co., Ky.
Tye, Jewel	Barbourville, Ky.
Wesley, McKinley	Casey Co., Ky.
Wood, Helen	Ohio
Young, Hardin P.	Lincoln Co., Ky.

Normal and Grammar Room

Bain, Paul	Barbourville, Ky.
Beddow, Robert	Barbourville, Ky.
Bengey, Commodore	Barbourville, Ky.
Bilbrey, Sarah Lee	Tennessee
Bingham, Tip	Barbourille, Ky.
Blakeman, Thomas	Jessamine Co., Ky.
Booze, Karl	Barbourville, Ky.
Brice, Hiram	Bell Co., Ky.
Burnett, Morton	Laurel Co., Ky.
Cole, Arthur	Barbourville, Ky.
Cole, Claude	Barbourville, Ky.
Cole, Roberta	Barbourville, Ky.
Colson, Katharine	Virginia
Colyer, Louise	Barbourville, Ky.
Combs, Hester	Perry Co., Ky.
Cox, Kash	Knox Co., Ky.
Cornett, Ella	Harlan Co., Ky.
Cottongim, Leonard	Barbourville, Ky.
Dugger, Nannie	Knox Co., Ky.
Faulkner, Drew	Barbourville, Ky.
Ford, Tillman	Knox Co., Ky.
Gibson, Ben	Knox Co., Ky.
Glenn, Ruby	Harlan Co., Ky.
Greene, Carl	Bell Co., Ky.
Herron, George	Tennessee
Hopper, Anna C.	Knox Co., Ky.
Hopper, Sydney L.	Knox Co., Ky.
Henson, Clarence	Barbourville, Ky.
Humfleet, Flossie	Knox Co., Ky.
Jackson, Carrie	Knox Co., Ky.
Jackson, Claude	Knox Co., Ky.
Jackson, George	Barbourville, Ky.
Jackson, Joe C.	Knox Co., Ky.
Jackson, Oscar	Knox Co., Ky.
Jackson, Earnest	Knox Co., Ky.

Boys' Basket Ball Team

Jarvis, Pearl ..... Barbourville, Ky.
Jarvis, Mae ..... Barbourville, Ky.
Jarvis, Maud ..... Knox Co., Ky.
Jarvis, John ..... Knox Co., Ky.
Johnstone, Ben ..... Bell Co., Ky.
Jones, Fred ..... Barbourville, Ky.
Jones, Lewis ..... Barbourville, Ky.
Jones, Nancye ..... Barbourville, Ky.
Jordan, William ..... Barbourville, Ky.
Lambdin, Clell ..... Barbourville, Ky.
Lewis, Sam A. ..... Barbourville, Ky.
Lewis, Sibyl E. ..... Knox Co., Ky.
Lockhart, Lutie ..... Barbourville, Ky.
Mayhew, Laura ..... Knox Co., Ky.
Mayhew, Mae ..... Knox Co., Ky.
McDonald, Ben ..... Knox Co., Ky.
Meade, Mae ..... Indiana
Meredith, Dewey ..... Barbourville, Ky.
Miller, Fred ..... Barbourville, Ky.
Miller, Larkin ..... Barbourville, Ky.
Miller, Roy ..... Barbourville, Ky.
Mills, Charles ..... Barbourville, Ky.
Noe, Lida D. ..... Barbourville, Ky.
Ohler, Robert ..... Knox Co., Ky.
Ohler, Verdie ..... Knox Co., Ky.
Owens, Charles ..... Barbourville, Ky.
Page, Beatrice ..... Tennessee
Park, Edythe Frances ..... Madison Co., Ky.
Perkins, Hettie E. ..... Whitley Co., Ky.
Price, Mary Ada ..... Barbourville, Ky.
Putnam, Ruby ..... Barbourville, Ky.
Rice, Jeff ..... Bell Co., Ky.
Rice, Lawrence K. ..... Bell Co., Ky.
Rice, Nora Lee ..... Bell Co., Ky.
Robsion, Daisy S. ..... Barbourville, Ky.
Robsion, John M. ..... Barbourville, Ky.

Rodriguez, Armando J. P. ..... Panama
Rush, Raymond E. ..... Monroe Co., Ky.
Scent, Alery ..... Barbourville, Ky.
Siler, Ben ..... Knox Co., Ky.
Slusher, Fannie ..... Bell Co., Ky.
Smith, Dora E. ..... Bell Co., Ky.
Smith, D. W. ..... Clay Co., Ky.
Smith, Mary Beatrice ..... Harlan Co., Ky.
Taylor, Blaine ..... Bell Co., Ky.
Taylor, Lee ..... Bell Co., Ky.
Taylor, Mary ..... Knox Co., Ky.
Terrell, Lucy ..... Whitley Co., Ky.
Tye, Bonnie D. ..... Barbourville, Ky.
Turner, Cleo ..... Knox Co., Ky.
Valentine, Reed ..... Knox Co., Ky.
Williams, Ben. ..... Knox Co., Ky.
Williams, Dora ..... Knox Co., Ky.
Wilson, Jessie ..... Barbourville, Ky.
Wylie, Burch ..... Jessamine Co., Ky.

Piano

Albright, Martha
Ballinger, Marguerite
Booze, Margaret
Cole, Roberta
Colson, Katharine
Cornett, Mary
Cornett, Ella
Cottongim, Lewis
Farmer, Loretta
Faulkner, Lura
Hall, Edna
Johnson, Gladys
Lewis, Lenora
Lock, Katherine K.
Mayhew, Laura
Mayhew, Mae
McDermott, Mary
Meade, Islay
Meade, Louise
Meade, Mae
Meredith, Dewey
Miller, Stewart
Overley, Raymond
Owens, Ethel W.
Parke, Edythe
Rice, Nora Lee
Robsion, Daisy
Robsion, John
Sampson, Anna Maud
Sampson, Dowis

Sampson, Emoline
Sampson, Pauline
Sawyers, Bessie
Sevier, Marena
Smith, Anna Mae
Smith, Mary
Steele, Gertrude
Steele, Gladys
Tye, Bonnie
Tye, Jewel
Williams, Dora

Voice

Cornett, Mary
Hall, Edna
Jurich, Peter
Meredith, Dewey

Department of Expression

Black, Evelyn
Cornett, Ella
Cole, Myrtle
Cole, Roberta
Eager, Mary Lee
Farmer, Loretta
Lewis, Karl
Jones, Hazel
Lewis, Lenora
McClung, Evelyn
McClung, Jean
McDermott, Mary
Meredith, Dewey
Pool, Julia
Prater, Willie
Putnam, Florence
Putnam, Ruby
Robsion, Daisy
Robsion, John
Sampson, Anna Maud
Sampson, Dowis
Sampson, Emoline
Sampson, Helen
Sampson, Pauline
Stansbury, David
Stansbury, Ted
Tye, Drucilla
Tye, Jewel
Tye, Lilly Dale
Tuggle, Allan
Tuggle, Kenneth

Art Department

Albright, Anna Dee
Albright, Martha
Arnold, Katherine
Cole, Ida Mae
Cole, Maud
Cole, Myrtle
Cornett, Mary
Cottongim, Mrs. Henry
Coyt, Bennie
Creal, Nettie
Evans, Mrs. Walter
Faulkner, Nancye

Golden, Bobbie
Haggard, Auda
Hall, Edna
Herron, George
Jones, Nelle
Jones, Ethel
King, G. A.
May, Helen
Meredith, Dewey
McClung, Evelyn
Rodriguez, Armando
Scent, Blanche

Business Department

Arnold, O. L.
Axline, Owen
Bates, Clyde
Beane, Eulah
Blackburn, Claude
Blakely, King
Bird, George
Carroll, J. L.
Clotfelter, Dairus
Cochran, Leota
Cole, Myrtle
Combs, A. C.
Crawford, Caney
Lambdin, Clara
Miller, Herbert
Mitchell, Charley
Mullins, Wesley
Parker, Eva
Polley, Elster
Prater, Mary Willie
Rankin, Lucile
Reader, Annette
Rice, Laura
Riggs, Charles
Riggs, Glenn
Sawyer, Edwin
Croley, J. W.
Crutchfield, James
Hale, Burley
Hale, George
Hayden, Mary Craig
Hendrickson, Charity
Herndon, Ben. F.
Hopkins, Harvey
Jackson, Mrs. Tommy
Johnson, R. M.
Kinzer, Mrs. Jeannette
Siler, Benj.
Silvers, Jesse
Smith, Harrison
Smith, Sam
Smith, Wiley
Somers, Charles
Urmey, O. G.
Vermilion, Everett
Woodson, Bertie
Wurley, Rann

Intermediate Department

Carnes, Mae
Clotfelter, Homer
Dishman, Ben
Dishman, Will Ed

Dugger, Elisha
Eager, Mary Lee
Farmer, Loretta
Faulkner, Nellie
Glenn, Robert
Hammons, Amanda
Hammons, Thomas
Haws, Monna
Henson, Clarence
Jones, Ethel
King, Dora
Lewis, Lenora
May, Helen
McClung, Evelyn
McDermott, Mary
Meade, Louise
Miller, Mary
Miller, Reedie
Mizrachi, Moses
Ohler, Andrew
Riley, John, Jr.
Riley, Lucy
Riley, Nannie
Scent, Blanche
Scent, Caroline
Smith, Clyde
Tuggle, Allen
Tuggle, Kenneth
Turner, Flossie
Tye, Drucilla

Primary Department

Archibald, Alma
Ballinger, W. R., Jr.
Beddow, Etta
Black, Evelyn
Black, Fronzine
Black, Maurice
Black, Stanley
Byrley, Cecil
Childers, Georgia
Cooper, Malcolm
Cooper, Raymond
Davidson, Frank
Dishman, Catherine
Dyer, Eva
Eager, Elsie
Farmer, Wilson
Hawn, Lewis
Hendy, Margaret
Jones, Hazel
Jones, Roy
Lewis, Mirtha
McClung, Jean
McDermott, James
Miller, Smith
Mizrachi, Joseph
Pool, Julia Allen
Sampson, Anna Maud
Sampson, Helen
Scent, Charles
Smith, Anna Mae
Tuggle, Thelma
Tye, Lilly Dale
Vermilion, Maud

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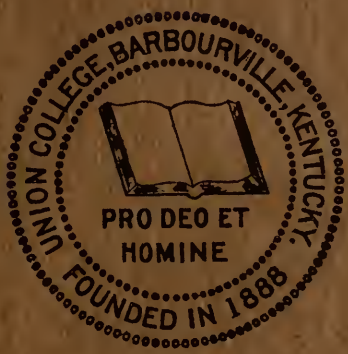
	359
Less those duplicated	275

THE CHAMPLIN PRESS
COLUMBUS, OHIO

Catalogue

UNION COLLEGE



1915-1916

BARBOURVILLE, KENTUCKY

College

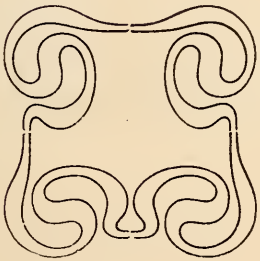
A Part of the Faculty and Student Body of Union College

Administration Building

CATALOGUE

Union College

1915—1916



BARBOURVILLE, KY.

CALENDAR

1915

Tuesday, September 7.....School Opens
Saturday, September 6 .....First Quarter Ends
Thursday, November 25.... Thanksgiving
Friday, December 17 .....Holidays Begin
—(12:00 o'clock noon)

1916

Tuesday, January 4.....School Work Begins
Saturday, January 22 ...First Semester Ends
Saturday, March 27....Third Quarter Ends
Monday to Wednesday, May
17 to 19 ... Final Examinations
Thursday, May 20..... ....Commencement

Board of Education of the Kentucky Annual Conference of the Methodist Episcopal Church

CLASS NO. 1, TERM EXPIRES IN 1915

REV. E. L. SHEPHERD, D.D ..... Louisville, Ky.
MR. J. W. HENDERSON. ..... Ashland, Ky.

CLASS NO 2, TERM EXPIRES IN 1916

REV THOMAS HANFORD, D.D ..... Augusta, Ky.
MR. A. M. DECKER ..... Barbourville, Ky.

CLASS NO. 3, TERM EXPIRES IN 1917

REV. GEO. W. BUNTON, D.D. ..... Covington, Ky.
MR. C. B. NORDEMAN..... Louisville, Ky.

CLASS NO. 4, TERM EXPIRES IN 1918

REV. E. R. OVERLEY, ... Barbourville, Ky.
MR. JOSHUA P. SHAW..... Lexington, Ky.

CLASS NO. 5, TERM EXPIRES IN 1919

REV. J. D. WALSH, D.D ..... Chattanooga, Tenn.
HON. ALVIS S. BENNETT..... Louisville, Ky.

Officers

REV. G. W. BUNTON, D.D ..... *President*
MR. JOSHUA P. SHAW ..... *Vice-President*
MR. C. B. NORDEMAN ..... *Treasurer*
MR. ALVIS S BENNETT ..... *Secretary*

Property Committee

MR. C. B. NORDEMAN ..... *Chairmen*
MR. A. M. DECKER ..... *Secretary*
REV. G. W. BUNTON, REV. E. R. OVERLEY.

School Committee

REV. O. J. CARDER ..... *Chairman*
MR. A. M. DECKER ..... *Secretary*
MR. J. W. HENDERSON

FACULTY

EZRA T. FRANKLIN, A. B., B. Pd., M. A.

President

Theology, Philosophy and Bible.

A. B., Asbury College, 1913; B. Pd., Valpraiso University, 1905; A. B., Indiana University, 1906; M. A., Indiana University, 1910; graduate student at Columbia University Summer session, 1912 and 1913; research scholar, Columbia University, 1913-14; teacher in graded school two years; a Superintendent of city schools two years; Dean and Professor of Philosophy, Asbury College, 1908-10; Professor of Theology and Philosophy, and Dean and Acting President of Illinois Holiness University, 1910-11; President of Illinois Holiness University, 1911-12; Vice-President and Professor of Philosophy and Systematic Theology, Asbury College 1912-15; President of Union College, 1915.

REV. EMERY R. OVERLEY

Vice-President

Bible

Several years a successful pastor and evangelist; Vice-President of Union College, 1914.—

JAY B. KENYON. A. B.

Dean

Science and Mathematics.

A. B., Asbury College, 1913; assistant in Science, Asbury College, 1911-12; Professor of Biology, Asbury College, 1913-14; Professor of Natural Science, Asbury College, 1914-15; Dean and Professor of Mathematics and Natural Sciences, Union College, 1915.—

T. P. ATKINSON, A B.

Latin, German and French

A. B., Lebanon University, 1908; graduate student University of Georgia, 1910; special student in Romance Languages at Chicago University Summer Session; the same at Columbia University Summer Session 1915; taught two years in public High Schools and four years in Edgar School for Boys; Professor of Foreign Languages at Union College, 1915 —

MISS ORA CHATHAM

English and History, High School.

Training at Eastern Kentucky State Normal, 1908–1910; teacher in Maysville Public School four years; teacher in Middlesboro Public Schools three years; Teacher of English and History, Union College, 1915—

D. M. HUMFLEET

Normal Department.

Attended Union College two years; Normal school, and Kentucky University Summer School; teacher in Public Schools fourteen years; Principal of Graded and High School; taught Normal Work two years; at this writing holds the highest grade certificate in Knox County; Principal of the Normal Department, Union College, 1915—

JESSICA TARLETON RAINS

Piano, History and Harmony.

Graduated from the Music Department of Hayswood Seminary and took a graduate course at the same; studied at the College of Music, Cincinnati, O., under Frederich Hoffmann; studied at the Sherwood School of Music, Chautauqua, N. Y.; taught two years at Hayswood Seminary; Private teacher at Maysville, Ky. for five years; Piano teacher in the Cincinnati Academy of Music, 1912–1915; Teacher of Music, Union College, 1915—

LOUISE WEST, B. L.

Expression and Physical Culture.

B. L., Loulie Compton Seminary, Birmingham, Ala., 1910; graduated in Oratory and Physical Culture, Loulie Compton Seminary, 1910; diploma from Emerson College of Oratory, Boston Mass.; Teacher of Expression and Physical Director, Union College, 1914.—

NETTIE CREAL

Business Department.

Academic course and Teachers Training Course, East Lynn College, Buffalo, Ky.; Teachers Training Course, Private Normal, Hodginsville, Ky,. Commercial Course, Bryant and Stratton Business College, 1911; taught twelve years in Public Schools; Teacher in Bryant and Stratton Business College, 1912; Head of Shorthand Department Union College, Branch of Bryant and Stratton Business College, 1913-14; Principal of Union College School of Business, 1914—

MARY MAXEY, A. B.; B. MUS.

Voice

Graduated at Asbury College in Expression, 1913; B. Mus. in voice, Asbury College 1914: A. B., Asbury College, 1915; Assistant in Voice, Asbury College, 1912-13; Teacher, of Voice. Union College, 1915—

CORA SEVIER

Art

Graduated at Hamilton College, Lexington, Ky,; taught art three years as private teacher; taught art at Colliersville High School, 1913-15; Teacher of Art, Union College, 1915—

WILLAIM M. BAKER

Violin.

Studied under several German teachers; taught violin and conducted orchestras for more than a score of years; Teacher of violin, Union College, 1914—

WILBUR S. EDWARDS

Grammar Room.

Attended Valpraiso University, Normal Department, 1905 and 1907; Kentucky Wesleyan College, 1908; Eastern Kentucky Normal 1911-12; taught in Public Schools seven years; Teacher of Grammar School, Union College, 1914 —

MARY LIGON,

Intermediate.

Graduated from Kentucky Classical and Business College, North Middletown. Ky.; studied two years at Eastern Kentucky Normal; taught two years in Public Schools; teacher of intermediate Department, Union College, 1915—

MARY E. DAVIS,

Primary.

Studied Kindergarten and Primary Work at Chicago University; taking Special Work at Chicago University this Summer in the Modified Montissori Method; Teacher of Primary, Union College, 1913—

(To be Supplied)

Assistant in Mathematics and Science.

(To be Supplied)

Assistant in Latin and English.

OFFICERS OF ADMINISTRATION.

EZRA T. FRANKLIN, A. M., ... *President.*

REV. EMERY R. OVERLEY..... *Vice-Pres. and Field Agent.*

JAY B. KENYON, A. B., ... *Dean.*

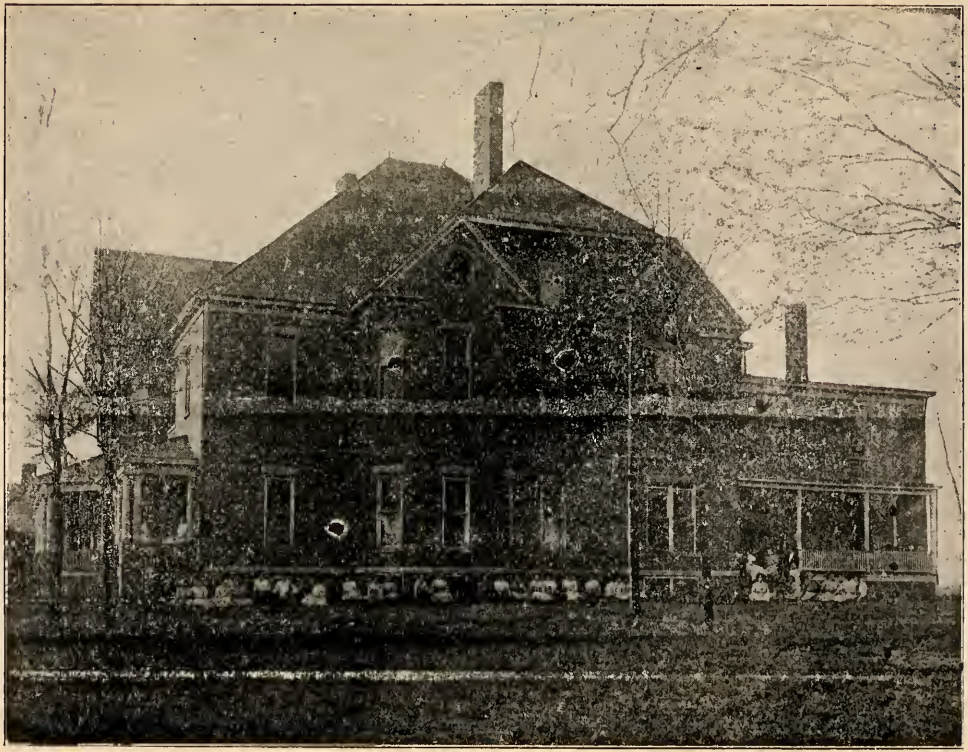
T. P. ATKINSON, ... *Librarian.*

MRS. C. N. SAMPSON, ... *Preceptress Fanny Speed Hall.*

MRS. WILL GREGORY, ... *Matron of Boys' Dormitory.*

MRS. A. D. SMITH, ... *Superintendent of Dining Hall.*

ALERY D. SMITH, ... *Superintendent of Buildings and Grounds.*



Fanny Speed Hall (Young Ladies' Dormitory)

10

UNION COLLEGE

LOCATION

BARBOURVILLE, KENTUCKY, the county seat of Knox County, is the site of this institution. It is an incorporated city of about 2,500 inhabitants and is situated on the Cumberland Valley Division of the Louisville and Nashville Railroad. It is an attractive and progressive town, having many of the modern conveniences, such as natural gas, electric lights, waterworks, telephone exchange, good hotels, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. Baptists, Presbyterians, Disciples, Methodist Episcopal South, and the Methodist Episcopal have churches here. There are no temptations to lead the student away from his or her work; no allurements to vitiate the mind; no empty, profitless amusements: no incentive to idleness or extravagance. The ideals of the people are elevating, their friendships warm, genuine and abiding. Their hospitalities are cordial and gracious. They are interested in the school and the student.

Cumberland River, famed for its historical associations and its picturesque scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley commingle here in plentiful and splendid profusion. Viewed from a practical standpoint, the innumerable hills, with their wealth of vegetation above, and interesting geological strata below, afford a rich field for excursions of scientific classes. The mildness of the climate is conducive to such out of door study.

HISTORY

Union College had its origin in the minds of the citizens of Barbourville. They early recognized the need of a Christian institution of learning in their midst. But to turn the furrow one must have the plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time to his death, in January, 1897, under the administration of the Reverend Daniel Stevenson, D D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual and spiritual blessing to school and student, citizen and community. Upon the death of Doctor Stevenson the Reverend James P. Faulkner, A.M., a native of the county and a graduate of this school, succeeded to the Presidency of the College. His wise and progressive administration brought the school on toward the accomplishment of its purpose and the realization of its high mission.

During the administration of President Faulkner, the Board of Education came into possession of the legacy bequeathed by Mrs. Fanny Speed and from that time the expansion of the school became more marked. During this administration there were planned and begun Fanny Speed Hall and the Central Power and Heating Plant. They were not available for use, however, until the beginning of the next administration, that of Reverend James W. Easley, B.D., A.M., whose term of office began in 1905. In spite of adversities, the school increased in equipment and influence during his administration. During the summer of 1906, the Administration Building was struck by lightning and burned to the ground. One year later it was replaced by a more commodious building and the Boys' Dormitory was added.

Upon the resignation of President Easley in 1910, Judge

James D Black, LL.D., of Barbourville, Kentucky, became the fourth President of Union College. Under his management the material, as well as the less tangible interests of the school progressed with rapid strides. The two years of President Black's connection with the school will be remembered as years of solid growth.

On his retirement from the leadership of the school its management was given into the hands of Percy L. Ports. Professor Ports had been in the service of Union College for seven years, having held the position of teacher of Natural Science for that period, and having been Vice-President for two years. He is a graduate of Ohio Wesleyan University.

During the school year of 1912-13 the Board of Education suffered such severe financial reverses that it appeared for a time that it would be necessary to close the school for a term of years. Fortunately, this calamity was averted, largely by the loyalty and sacrifice of the citizens of Barbourville. A large part of the sum necessary for the operation of the school was subscribed and a group of twenty-six men bound themselves by contract to guarantee the continuance of the work of the institution. As a result of this emergency, a Local Board of Trustees was organized This Board had the direct oversight of the school for the year 1913-14, during which year it continued under the management of Prof. Percy L. Ports.

For the year 1914-15, the Conference Board resumed the work of the school. Upon the resignation of President Ports Rev. E. R. Overley, Pastor of the First M. E. Church, was made the nominal president and the management was given into the hands of Prof. B. C. Lewis under the title of Vice-President and Business Manager. Owing to its financial struggles and other difficulties, the work of the school this year was commendable. The darkest hour is just before dawn. The outlook for the school for the ensuing year and for the future is the brightest in its history. The Conference Board has taken hold of the school with renewed determination; and Doctor Thomas Nicholson, Corresponding Secretary of the General Board of Education of our Church, with headquarters in New York City, is also backing the school financially and otherwise. This will give its claims financial recognition in other parts of the country. In this connection and with this backing, Rev. E. R. Overley is

employed as Vice-President and financial agent of the school and will spend part of his time in the field under the direction of Dr. Nicholson.

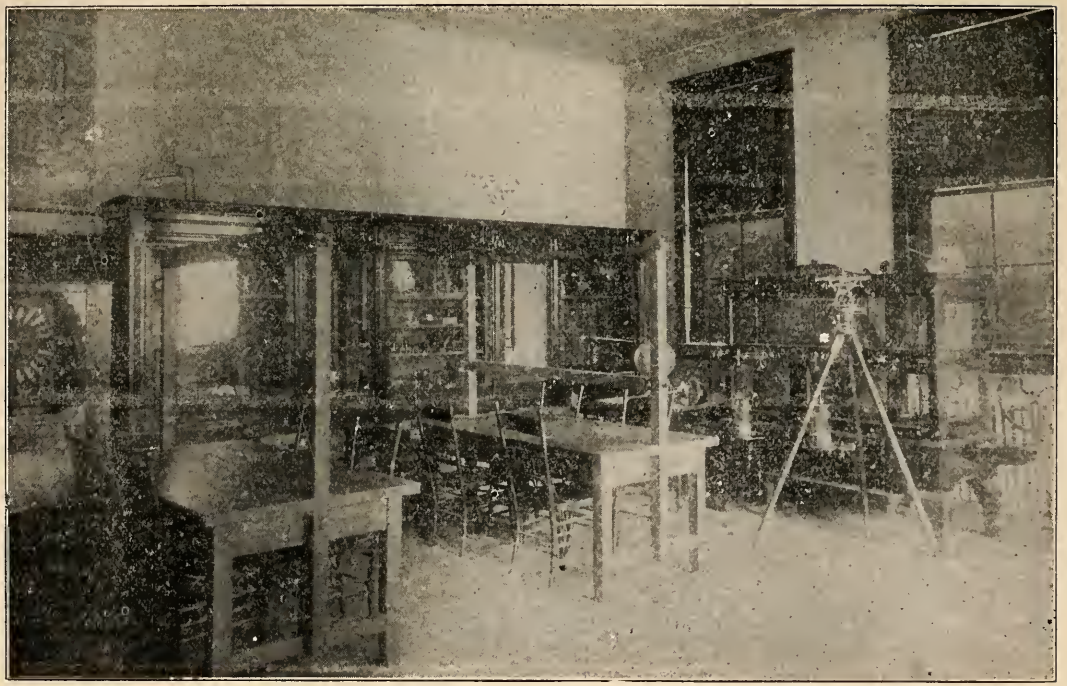
On the 30th of June, 1915, the Board employed Professor Ezra T. Franklin as President for 1915-16. President Franklin has had extensive experience in school work ranging from the graded school to the presidency of a college. He has graduated from one college and three universities. He is regarded as one of the best school men in the State and we are expecting a new epoch for Union College.

AIM

Life is a warfare. Then, shall we not be armed? In this education is the sword, character the protecting shield. To vitalize the power of intellectual development; to teach and form studious habits; to surround with refining influences: to appeal to the sense of right, the pride of manhood and womanhood; to enlarge the love of the Good and True and the Beautiful: to increase lofty moral and social ideals; to lead to a Christian experience and to build a Christian character—these are the functions of the College, and therein does it secure the harmonious development of the soul and prepare for the largest usefulness in life.

But education is a process, rather than a fulfillment: an acquiring rather than a completion. The school then, can assist in the buckling on of the armor, but it may not make one FIGHT. The well-poised school will teach faith in oneself, the value of self reliance, and the dignity and enoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive but independent; self-reliant, but deferential; loving truth and candor, but also moderation and proportion: courageous, but gentle; not finished, but perfecting," its mission will not have been a failure. Its methods proceeds on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student

The aim, then, of Union College is the development of



Physical Laboratory.

life and the formation of genuine, substantial character. It interprets the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands.

CAMPUS

The campus comprises about eight acres and is situated on the highest part of the town. The buildings are located at convenient distances from each other, while the intermediate space is filled with splendid shade trees There are on the campus some twenty different varieties of native trees. The buildings are connected with each other and with the street by cement walks. Deep wells of pure, wholesome water are located near each dormitory. There are three tennis courts, and two basket ball fields, besides ample room for croquet lawns on the campus. The grounds are lighted at night by four arc lights and several tungstens.

BUILDINGS

ADMINISTRATION BUILDING.—This is a well-proportioned, three-story building. constructed of brick and concrete and trimmed with Tennessee marble. The building is steam-heated and lighted by electricity, as are all the buildings on the campus. It is scientifically ventilated. In it are the classrooms, library, President's office, chapel, laboratories, and the central dining hall. There are fourteen classrooms. These are equipped with single desks and slate blackboards. From the President's office are speaking tubes to each room, The building is equipped with an electric program clock system. The chapel is commodious and is seated with comfortable opera chairs. There are three laboratories, chemical, physical, and biological, whose equipment is described later. The dining hall, kitchen, and bakery are in the basement, occupying nearly the whole floor.

FANNY SPEED HALL.—This is the home for the young women. It is a three-story building of unique design. It has spacious halls and parlors and the rooms are neatly furnished. The building is supplied with bath rooms, toilets, and gas hot plates for students' use. A small monthly fee is charged for this latter convenience.

YOUNG MEN'S HALL.—This is a brick structure of colonial design, three stories high. The rooms accomodate two students each. This is on the opposite side of the campus from Fanny Speed Hall. The basement contains toilet rooms, and shower baths with cold and hot water. A dark room has been fitted up in the basement for student use.

STEVENSON COTTAGE.—This building bears the name of the honored first President of Union College. It is used as a dwelling, being occupied by the Superintendent of buildings and grounds.

HEAT, LIGHT AND POWER PLANT —This is situated at a safe distance from the other buildings and contains the boiler, engine, dynamo and pumps. The location of this plant, together with the concrete and brick construction of the college buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric light and water. The water is from two deep drilled wells within the building.

EQUIPMENT.

LIBRARY.—The Speed-Stevenson Library was established by Mrs. Fanny Speed, of Louisville, Ky., and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines, was a liberal contributor to it. A large number of books was donated by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The Reading Room is supplied with many of the best secular and religious papers and current magazines, The students are thus able to keep themselves informed with respect to the daily news and familiarize themselves with the best modern literature.

The Honorable John H. Wilson, of Barbourville, Kentucky, generously donated a large number of books. These books embrace a wide range of useful information and constitute a valuable addition to the Library. A Conference Alcove has been founded and is maintained by the individuals of the Kentucky M. E. Conference. Its aim is to supply complete sets of the works of classic writers.

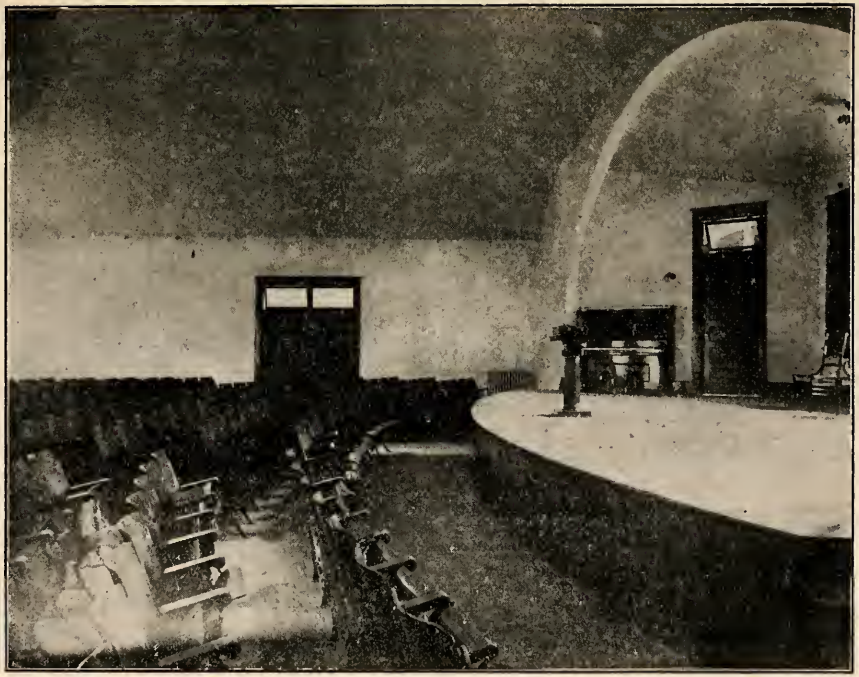
LABORATORIES—CHEMICAL.—This is equipped with two tables, with acid proof tops, accommodating thirty-two students. The tables are supplied with running water and natural gas. An automatic water still is included in the equipment. Ample glassware and chemicals are provided for fifty individual student experiments. The laboratory contains a Henry Troemner analytical balance, sensitive to one-twentieth milligram, besides several less delicate balances for student use.

PHYSICAL.—In this laboratory apparatus is provided for about forty individual experiments in mechanics. light, heat, sound, magnetism and electricity. The equipment includes a Hartl Optical Disk, standard steel meter stick, made by Brown and Sharpe, three static machines, three X-ray tubes, electrical measuring instruments, one-horse power electric motor, diffraction grating, organ pipe, sonometer, etc. The equipment, is all modern and of high grade.

BIOLOGICAL.—There are provided dissecting sets and microscopes for work in botany and zoology. There are two compound microscopes, one with filar micrometer eyepiece and oil-immersion objective, magnifying one thousand diameters. There are numerous zoological specimens preserved in formalin. For work in physiology there are two human skeletons, a model of the human trunk, and numerous important charts. The equipment comprises also a stereopticon with microscope attachment and a large number of lantern and microscope slides covering many subjects.

MATHEMATICS.—Hard wood models of the various geometric forms are provided. Drawing boards and accessories are provided for class-room work in geometry. Each student is expected to own an inexpensive pair of compasses for home use. For the course in surveying the department has one transit, one level, two compasses, and the usual accessories, including a hundred foot tape, which has been tested by the United States Bureau of Standards and guaranteed accurate to within .02 of an inch.

MUSIC.—The college owns five pianos, two of them being in the Chapel and kept tuned together for recital purposes. There are eight Howard mandolins and one mandola for the Mandolin Club. A full equipment, consisting of



Chapel

fifteen silver-plated Conn instruments, is provided for the college band.

POWER PLANT AND SHOP.—For lighting, the college owns a forty horse power Skinner automatic engine, direct-connected with a James Clark, Jr., 25 K. W. direct current dynamo. For pumping, there are three steam pumps and one Westinghouse air compressor. In the shop is one screw-cutting lathe, gas engine and dynamo, drill-press and a full complement of metal and wood working tools.

FIRE PROTECTION.—The buildings are furnished with twenty hand chemical fire extinguishers. The students are instructed in the use of these at the beginning of each session.

SANITATION

All the water used for drinking purposes at the college come from deep wells from which the surface and quick-sand waters have been cased off. There is an especially fine well near the Girls Dormitory which is one hundred feet deep and furnishes pure soft water from the deep-lying sandstone. This is used in the dining-room. The college has a modern sewerage system, extending half a mile to Richland Creek. Milk is supplied from cows kept in the college barn, as a precaution is given frequent bacteriological tests. The bread and pastries used are baked in the college bakery. The rooms of the dormitories and Administration Building are thoroughly disinfected during vacation.

GOVERNMENT

Proper control and guidance of a student body are of such great importance that too much attention cannot be given to them. The principle of government is self-control and self-direction. The plan of developing the good is adopted. This produces the best results in character building. The students who are not amenable to rules of right living and who do not respond to the appeals to a moral life, or who waste the time in idleness will be asked to leave.

Dormitory life places the control of the student body at best advantage for easy direction in conduct, as well as

best direction in study. Cooperation from the homes of the students is a necessity. This is earnestly solicited.

Students under the age of fourteen cannot well be cared for in the dormitories and only in exceptional cases can we receive any under that age.

It is of greatest importance that the student be here on the first day of the term.

The student's dress should be simple, not elaborate or faddish. The dormitory student is required to keep his room and its contents is good condition. Student's rooms are subject to inspection by proper authorities at any time.

Young ladies under eighteen residing in Fanny Speed Hall are not permitted to receive calls from young men, except by written request from the parents addressed to the Preceptress. In all cases the administration reserves the privilege of final decision. No parent should undertake to grant to the student with us any permission which might interfere with the school duties but should concede to the administration the right of control while in school.

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. Indiscriminate mixing of the sexes is not permitted, but frequent social gatherings, under the direction of the Preceptress, are held. These give the student the culture that is demanded today of educated men and women. Our dormitory ideal is the home life of a well-ordered Christian home.

Each student is required to be in attendance at Sunday school and the Sabbath morning preaching service. It is also expected that each student shall attend all religious services held under the direction of the college. The attendance at daily Chapel service is required.

Boarding Student's Outfit.

Boarding students should bring the following articles: Large pillow slips, sheets, pair of blankets, quilt, counterpane, towels, napkins, and covers for bureau and washstand. The young men will provide for single beds. There are a few double beds in Fanny Speed Hall. Young ladies will also bring curtains forty-five inches in length.

Students are expected to pay for breaking and defacing of property.

The use of tobacco, profanity and obsene language is positively prohibited, also the reading of trashy literature.

Government.

No boarding student will be allowed to room or board off the campus without permission of the President. We are prepared to take care of all who come; as we are responsible for them, we prefer to keep them under our care.

All students must be in their own rooms after 7:00 P. M.

No student is allowed to leave town without permission, and girls must have proper chaperonage.

Any student before quitting the school is required first to notify the President and make a settlement of any unpaid bills.

Union College is not a reformatory institution, but a place for the training of the body, mind, and soul of earnest, studious boys and girls.

Boys known to be unmanageable at home will not be received here, as one bad boy will injure the whole school, and the extra time and strength given to him should be given to good boys and girls.

Dropping Work.

After once enrolling in a class the student cannot drop the work except by the consent of the Dean and the teacher in charge.

Refunding.

No fees will be refunded.

No tuition will be refunded. But in case of protracted sickness when the student has to drop out of the term's work a non-transferable due bill will be given covering tuition for the time lost. Students who have paid their tuition for the year in advance and who have to leave for any good reason will receive a due bill covering tuition for the time lost.

There will be no reduction for those leaving school within the last four weeks of the term.

If private lessons in music or elocution are missed by the fault of the teacher or school, they will be made up or the tuition refunded for the time lost. If the student fails to report for lessons the College will not be responsible, and there will be no refunding of tuition.

Examinations and Grades.

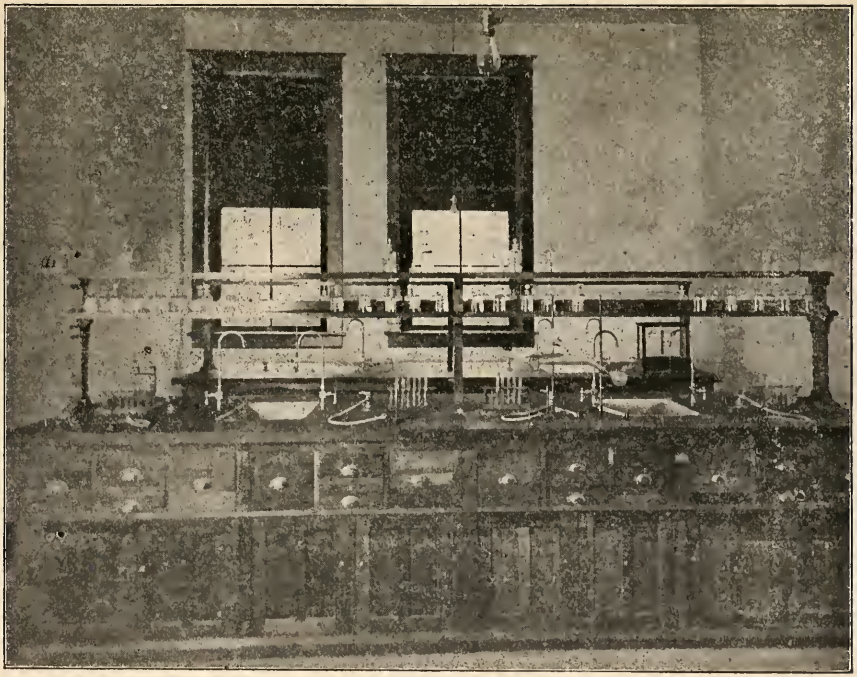
Examinations are held at the close of each term and the examination, together with the daily grade constitute the term grade. Grades are reported in letters as follows: A, 95-100; B, 85 94; C. 75-84; D. 65 74; K. 60-64; F, 0-59. K. means condition; F. failed. No completed course will be marked K. Only a continued course will be marked K when the teacher thinks the student may make up the deficiency before the course is completed. If the student does not make up the deficiency the whole course will be marked F. A grade of F. means that the course must be dropped and taken again later. If, for good reason presented to the teacher, the student receiving grade F desires to take another examination, the teacher may give it upon receipt of order for special examination. Only one D each term may be credited toward graduation. Credit toward graduation will not be given on a course not completed, except in certain courses where the work done will justify.

An order for special examination may be obtained at the Office by paying a fee of $1.00. Examinations other than those set for the class shall be classed "special examinations," and cannot be held except by order for same.

The object of this ruling is two-fold. 1. To assure attendance upon examination. 2. To spare a busy teacher the waste of time.

Mail.

The College mail carrier will collect all out-going mail from the dormitories and Administration Building each morning and afternoon and will deliver the in-coming mail likewise. A fee of 25 cts a term will be collected at the Office from each boarding student for this service.



Chemical Laboratory

Athletics.

Union College believes in athletics and means to encourage that interest by precept and example; but she has come to doubt the wholesomeness of intercollegiate athletics for herself. So without arguing the case we announce the cessation of intercollegiate games for the year 1915-16 at least. We believe that this will meet the approval of our patrons and assure better results to the students. Our baseball park, tennis courts, and basket ball grounds will be the scenes of many lively and generously played games among ourselves. We have seen it tried, and it works.

The Joshua S. Taylor Fund.

Recognizing the great power for good in the Christian ministry, the Reverend Joshua S. Taylor, of Middleburg, Kentucky, on June 16, 1910, consistent with the splendid life of service and usefulness, donated to Union College a sum of money, the interest of which is to be devoted to the aid of men studying for the ministry in the Methodist Episcopal Church. It is hoped that other men of similar spirit will add to this fund, making it possible for a large number of worthy but indigent young men to prepare themselves for this sacred calling.

ACADEMY.

Purpose.

The Academy is designed to prepare students for colleges or technical schools; to give elective work to theological students pursuing certificate courses; to give advanced work to grade teachers, and to broaden the education of those taking up business and home life.

Scope of Instruction.

The Academic course is four years in length and covers a regular High School course. It is taught by the College teachers in the same class rooms and with the same facilities as the College courses. The course is uniform for the first two years.

The electives make it possible for a student to choose his course in part and to prepare for a classical, scientifice or vocational life as he sees fit.

Our Academy is in Class A of the accredited list of the Association of Kentucky Colleges. This means that our graduates receive full Freshman rank, without examination, at any College belonging to this Association. Sixteen units are required for graduation.

Entrance.

Those finishing the Grammar School and those presenting a Common School Diploma, or a certificate of promotion from a good Graded School to High School, or a teacher's license will be admitted to the Academy without examination. A statement from the principal of a private school may or may not be accepted. Those who have completed the grade work except a few branches may take enough in the Academy to make a full course, provided they are prepared to take the Academic work. Other applicants will be subject to examination in the Common School branches.

Students will be kept, as nearly as possible, regular in the course.

Advanced Standing.

Advanced standing will be given students presenting credits from good secondary schools and to students passing examinations on work done for which credits are not presented.

Graduation.

An Academic Diploma will be granted students completing the Academic course. Students completing the course except one subject for one year or equivalent will be graduated with their class on one of two conditions as follows:

1. To receive the diploma with the condition written on it

2. To return and finish the subject the Freshman Collegiate year and receive the diploma when the work is finished.

COURSE OF STUDY

FRESHMAN

FIRST SEMESTER			SECOND SEMESTER		
* English	I.	5	English	I.	5
Latin	I.	5	Latin	I.	5
Science	I. a	4	Science	I. b	4
Mathematics	I.	5	Mathematics	I.	5
Bible		1	Bible		1

SOPHOMORE

FIRST SEMESTER			SECOND SEMESTER		
English	II.	4	English	II.	4
Latin	II.	5	Latin	II.	5
Mathematics	II.	5	Mathematics	II.	5
History	I.	5	History	I.	5
Bible		1	Bible		1

JUNIOR

FIRST SEMESTER			SECOND SEMESTER		
English	III.	4	English	III.	4
Lat. III or Ger. I.		5	Lat. III or Ger. I.		5
Mathematics III.		5	Mathematics III.		5
Bible		1	Bible		I
Elective **		5	Elective *		5

SENIOR

FIRST SEMESTER			SECOND SEMESTER		
English	IV.	4	English	IV.	4
Lat. IV. or Ger. II.		5	Lat. IV. or Ger II.		5
Science		5	Science		5
Bible		1	Bible		1
Elective		5	Elective....		5

* Roman numerals denote the number of the course and Arabic numerals denote the number of periods a week.

** One unit chosen from Latin III., German I., History II, Bookkeeping, Expression and Physiology.

† One unit chosen from Latin IV, German II, History II, Economics and Psychology, Bookkeeping, Expression and Physiology. In electing a special like Bookkeeping, the tuition is extra.

English.

MISS CHATHAM AND ASSISTANT

The Department of English aims, first, to train its pupils to think clearly and independently; second, to speak and write simple, clear, idiomatic English; third, to make the pupils acquainted with some of the masterpieces of English Literature, and to train them to understand and to love good literature wherever found.

ENGLISH I.—This course aims, first, to drill the student in the essentials of English construction, not in its technicalities; second, to give him much practice in applying the essential principles of English Grammar to the expression of his own thought and feeling. Composition work, and training in both oral and writen expression is required throughout the year. In addition to his class work, the student is required to read selections from easy literature. Textbook, *Book II, Mother Tongue.*

ENGLISH II.—English II reviews the constructions of the eight parts of speech Much time is devoted to syntax and synonyms. Compositions are required frequently; these are based on the required readings and the student's own experience. Six classics are studied during the year. *Hill's Beginnings of Rhetoric and Composition* is the textbook used.

ENGLISH III.—In the beginning of this year's work Narration, Description, and Exposition are studied as a basis of composition work. Most of the time in this course is devoted to the study of the required classics, supplemented by the history of English Literature. *Halleck's History of English Literature* is the textbook used.

ENGLISH IV.—Narration, Description and Exposition are reviewed, and Argumentation with the elements of Debate is thoroughly studied. The College Entrance Requirements for practice constitute the work in literature for this course. One term of collateral reading is required. Composition work, both oral and written, is required throughout the year.

History.

MISS CHATHAM AND ASSISTANT.

HISTORY I.—Ancient History.—The development of our modern civilization as traced through the events of history

Boys' Dormitory

will constitute the main theme of our two years of historical s tudy. Text, *Myer's Ancient History.*

HISTORY II.—Mediæval and Modern History.—This is a continuation of the first year's work and completes the survey of the development of human institutions to their present stage. Text, *Myer's Mediaeval and Modern History.*

Latin.

PROFESSOR ATKINSON AND ASSISTANT.

LATIN I.—Beginning Latin.—A clear, systematic and interesting presentation of the fundamentals of the Latin language is the aim of this course. Text, *D'Ooge's Latin for Beginners.*

LATIN II.—CÆSAR.—The first four books of Cæsar are read, and special attention is given to a review of the principles of Latin Grammar. Text, *Bennett's Latin Grammar,* *Bennett's Caesar,* and *Pearson's Prose Composition.*

LATIN III.—Cicero.—Six orations of Cicero are read; the four against Catiline, Pro Archia, and Marcellus. Text, *Bennett's Cicero, Bennett's Grammar,* and *Pearsons Prose Composition*

LATIN IV.—Virgil.—The first six books of the Aeneid are studied. Special attention is given to Prosody. Together with this, Mythology is studied. Text, *Bennett's Virgil* and *Grammar.*

German.

PROFESSOR ATKINSON.

GERMAN I.—A foundation is laid for a conversational knowledge of the language. Easy German classics are read, and conversation, based on the reading, is required. Texts, *Kayser and Montesser's Foundations of German and Hewett's German Reader.*

GERMAN. II.—More attention is paid to composition and conversation, and more difficult classics are read. The classics given below may be varied to suit the needs of the class. Texts, Mosher's Wilkommen in Deutschland, Schiller's Wilhelm Tell, Goethe's Hermann and Dorothea, Bernstorff's Handbook of German Grammar.

Mathematics.

PROFESSOR KENYON AND ASSISTANT.

The aim of the course in Mathematics is primarily mental discipline and development of accurate conception of space and form. It is desired to make the student familiar with the principles that are applicable to practical problems and to instill the spirit of original work.

MATHEMATICS I.—Algebra.—The four fundamental opertations, factoring, fractions, simple and complex, simple equations, and simple simultaneous equations are covered, as well as the statement, of problems by means of equaons Text, Milne's First Year Algebra

MATHEMATICS II.—Plane Geometry.—Much attention is given to the solution of original proolems, in order to train the student in logical habits of thinking, and to discourage the memorizing of propositions. Text, Stone-Mills' Plane Geometry.

MATHEMATICS III.—Solid Geometry.—The practical application of principles learned is emphasized in this branch of Mathematics as well as in the others. Thorough drill is continued. Text, Stone-Mills' Solid Geometry.

MATHEMATICS IV.—Algebra.—This includes involution evolution, theory of exponents, radicals, quadratic equations, graphs, ratio and proportion. progressions, and binomial theorem. Text, Milne's Standard Algebra.

Natural Science.

PROFESSOR KENYON AND ASSISSANT.

SCIENCE I a.-Physiography.-A study of the physical features of the earth. The best type forms are given from which general laws are developed. The inductive method is used throughout the study, making it possible for the student to come into possession of a great number of valuable scientific facts. Experiments, illustrations and discussions in class give much practical information. Laboratory fee 75-cts. Davis' Physical Geography and Atlas. First Semester.

SCIENCE I a.—Botany.—This subject is presented with special reference to the relation of the plant to its surroundings Plants are studied from this viewpoint during our botanical excursions. The development of the plant from the seed is studied in the laboratory. The lower forms

such as bacteria, molds and algea receive due consideration, particularly in reference to their practical importance in household economics and as disease producers. The course is supplemented by illustrated lectures, using both lantern and microscopic slides. Laboratory fee 75-cts. Text, Andrew's Practical Botany. Second Semester.

SCIENCE II.—Physiology.—This is a course in human physiology, personal hygiene, and public sanitation. Practical matters of health and prevention of diseases have an important place in this course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the subject. It is required in all courses. Text, Blaisdell's Life and Health. Supplementary reading in Pyle's Personal Hygiene and Tolman's Hygiene for the Worker is required.

SCIENCE III.—Physics.—The importance of the study especially by the laboratory method, is now universally recognized, Forty individual experiments are given, besides numerous demonstrations by the instructor. Emphasis is placed on the practical aspects of the subject. Mechanics, sound, heat, light, magnetism and electricity—a general course in which the laws and phenomena of Physics are carefully developed and illustrated. Laboratory fee $2.00 a semester. Text, Hoadley's Elements of Physics Revised, and National Physics Note Book.

Economics and Psychology.

PRESIDENT FRANKLIN.

It is deemed valuable that every man and woman have a course in Economics and Psychology. We offer these to Academy seniors, Theological students, advanced Normal students and to certain College students who may need these courses.

ECONOMICS I.—This course is designed to give students an introduction to the practical economic problems of our busy day. Laughlin's Political Economy is used as a basis for recitation and discussion. First Semester.

PSYCHOLOGY I.—This course is introductory, but fundamental, practical and thorough. Text book, Lectures and Discussions. The course will be adapted to practical and professional life. Second Semester.

COLLEGE OF LIBERAL ARTS AND SCIENCE.

Admission.

Graduates from our Academy, and from accredited High Schools and Academies, will be admitted to the Freshman class.

Fifteen units of High School work are required for entrance to the Freshman year of the College. A subject pursued daily with forty-five minute recitations, or four days a week with one hour recitations for a school year of at least thirty-six weeks constitute a "unit." Twelve of the units are required and three elective as follows:

REQUIRED		ELECTIVES	
Algebra	1½	Physics	1
Geometry	1½	Physical Geography	½ or 1
English	3	Botany	½ or 1
Latin	4 or	Zoology	½ or 1
Lat. 2 and Ger	2	History	1
Science	1	German	2
History	1	Physiology	½
		Chemistry	1
		Greek	2
		English Bible	½ to 2
		Bookkeeping	1
		Dom. Science	1
		Manuel Training	1
		Mechanical Drawing	1
		Economics	½
		Psychology	½

REQUIRED,

ENGLISH COMPOSITION AND RHETORIC.—One unit. Every applicant must be able to write clear and correct English, and no applicant will be accepted in English whose work is seriously defective in spelling, punctuation, grammar and paragraph structure. The proper preparation for this part of the requirement is practice in composition through the four preparatory years, with correction of themes by the teacher and revision by the pupil. Subjects for themes should be taken from the books prescribed for general reading below, and also from the pupil's observation and

Mandolin Club

experience. Practice should be afforded in writing narration, description, exposition and argumentation. Applicants should be familiar with those principles of Rhetoric which are most helpful in elementary composition; viz., The principles of sentence structure, outlining, paragraphs and choice of words. The amount and kind of work required is indicated in Lockwood and Emerson's Composition and Rhetoric. Hill's Rhetoric or Brooks' English Composition and Rhetoric.

ENGLISH CLASSICS. (a)—For reading and Practice. One unit. The applicant is expected to give evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors.

The books set for this part of the entrance requirements in 1915 will be:—

Group 1.—Classics in Translation. Two to be selected.

The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel. together with the books of Ruth and Esther; Homer's Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid The Odyssey, Ilaid, and Aeneid should be read in English translations of recognized literary excellence. For any selection from this group a selection from any other group may be substituted.

Group 2.—Shakespeare. Two to be selected.

Shakespeare's: "Midsummer-Night's Dream." "Merchant of Venice," "As You Like It," "Twelfth Night." "The Tempest," "Romeo and Juliet," "King John," "Richard II," "Richard III," "Henry V," "Coriolanus," "Julius Caesar," "Macbeth," "Hamlet."

N. B.—The last three only, if not chosen for study.

Group III.—Prose Fiction. Two to be selected.

Malory's "Morte d'Arthur," "Bunyan's Pilgrim's Progress, Part I," Swift's "Gilliver's Travels," (Voyages to Lilliput and to Brobdingnag); Defoe's "Robinson Crusoe, Part I," Goldsmith's "Vicar of Wakefield," Frances Burney's "Evelina," Scott's Novels, any one; Jane Austen's Novels, any one; either Maria Edgeworth's "Castle Rackrent," or "The Absentee;" Dicken's Novels, any one; Mrs. Gaskell's "Cranford," either Kingsley's "Westward Ho!" or "Here-

ward the Wake;" Reade's "The Cloister and the Hearth;' Blackmore's "Lorna Doone;" Hughes' "Tom Brown's Schooldays;" either Stephenson's "Treasure Island," or "Kidnapped," or "The Master of Ballantrae;" Cooper's Novels, any one; Poe's "Selected Tales;" either Hawthorne's "The House of Seven Gables," or "Twice Told Tales," or "Mosses from an Old Manse." A collection of short stories by various standard writers.

Group 4.—Essays, Biography, etc. To be selected.

Either the "Sir Roger de Coverley Papers," or "Selections from the Tatler and The Spectator," (about 200 pages;) "Boswell's Selections from the Life of Johnson" (about 200 pages); "Franklin's Autobiography; either "Irving's Selections from the Sketch Book." (about 200 pages), or "The Life of Goldsmith; "Southey's Life of Nelson; "Lamb's Selections from the Essay of Elia," (about 100 pages): "Lockhart's Selections from the Life of Scott," (about 200 pages); "Thackery's Lectures on Swift, Addison and Steele in the English Humorists;" Macaulay: one of the following essays: "Lord Clive," "Warren Hastings," 'Milton,' 'Addison,' 'Goldsmith,' 'Frederic the Great,' or 'Madame d'Arbley,' Trevelyan's "Selections from Life of Macaulay, (about 200 pages); either "Ruskin's Sesame and Lilies," or "Selections" (about 150 pages); "Dana's Two Years Before the Mast;" "Lincoln's Selections," including at least two Inaugurals, the "Speeches in Independence Hall and at Gettysburg," the "Last Public Address," and "Letter to Horace Greeley," together with a brief memior or estimate of Lincoln; Parkman's "The Oregon Trail;"Thoreau's "Walden," Lowell's "Selected Essays' " (about 150 pages); Holmes' "The Autocrat of the Breakfast Table;" Stevenson's "Inland Voyage, and Travels with a Donkey;" Huxley's "Autobiography and Selections from Lay Sermons," including the address on "Improving Natural Knowledge," "A Liberal Education," and "A Piece of Chalk;" A collection of Essays by Bacon, Lamb, DeQuincey, Hablitt, Emerson, and later writers; a collection of letters by various standard writers.

Group 5.—Poetry- Two to be selected.

Palgraves "Golden Treasury" (First Series); Books II and III, with special attention to Dryden, Collins, Cowper, Gray, and Burns; Palgrave's "Golden Treasury" (First Series). Book IV, with special attention to Wordsworth,

Keats, and Shelby (if not chosen for study); Goldsmith's "The Traveler, and the Deserted Village;" Pope's "The Rape of the Lock;" A collection of English and Scottish Ballads, "The Battle of Otterburn," "King Estmere," "Young Beichan," "Bewick and Grahame," "Sir Patrick Spens," and a selection from later ballads; Coleridge's "The Ancient Mariner, Christabel and Kubla Khan;" Byron's "Childe Harold," "Canto III or IV," and the "Prisoner of Chillon:" either Scott's "The Lady of The Lake or Marmon;" Macaulay's ,'The Lays of Ancient Rome," "The Battle of Naseby," "The Armada," "Ivry;" either Tennyson's "The Princess,". or "Gareth and Lynette," "Lancelot and Elaine," and "The Lost Leader," "How They Brought The Good News from Ghent to Aix," "Home Thoughts from Abroad," "Home Thoughts from the Sea," "Incident of the French Camp," "Herve Riel," "Pheidippides," "My last Duchess," "Up at a Villa—Down in the City," "The Italian in England," "The Patriot," "De Gustibus—," "The Pied Piper," "Instans Tyrannus;" Arnold's "Sohrab and Rustum," and "The Foesaken Merman;" Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

(b) Intensive Study

Preparation for this part of the work includes thorough study for each of the works named below; a knowledge of the subject matter, form, and structure. The books set for entrance requirements in 1915, will be:—

Group 1—Drama. One to be selected.

Shakespeare's "Julius Cæsar," "Macbeth," "Hamlet."

Group 2—One to be selected.

Milton's "L'Allegro," "Il Penseroso, and either "Comus or Lycidas;" Tennyson's "The Coming of Arthur," "The Holy Grail," and the "Passing of Arthur;" "The selections from Wordsworth, Keats and Shelley in Book IV of Palgrove's "Golden Treasury" (First Series).

Group 3.—Oratory. One to be selected.

Burke's "Speech on Conciliation with America;" Macaulay's "Two Speeches on Copyright," and Lincoln's "Speech at Cooper Union;" Washington's "Farewell Address," and Webster's "First Bunker Hill Oration."

Group 5.—Essays. One to be selected."

Carlyle's "Essay on Burns," with a selection from Burns' Poems; Macaulay's "Life of Johnson;" Emerson's "Essays on Manners."

Algebra.—The equivalent of Mathematics I and IV.

Geometry.—The equivalent of Mathematice II and III.

Latin.—The eqvivalent of Latin I, II, III, and IV.

History.—History I, or an equivalent in General History. The required unit in Science will be Botany, Physics of Chemistry.

Botany.—One unit. This course should be both technical and practical, and include a microscopic study of the cells and tissues of the plant, including root, stem and leaves. lectures, field and laboratory work on algae, mosses, ferns: gymnosperms, and cryptogamous plants taken up in the Spring Term. Bergen's Essentials in Botany, or a similar text, indicates the ground to be covered.

Physics.—One unit. The equivalent of the work in Millikan and Gale's First Course in Physics. Laboratory note book should be presented.

Chemistry.—One unit. An introduction of general chemistry. The student should be familiar with the common elements and inorganic compounds and in an elementary way with the theory of chemistry. The instruction must include both text-books and laboratory work and extend over a period of one year. Note books must be presented.

Electives.

Greek.—First unit. White's First Lessons in Greek or First Greek Book, or, an equivalent. The reading and translation of the first six chapters of Xenophon's Anabasis. Special attention should be given to pronunciation, accent, inflection, and the general essentials of grammar.

Greek.—Second unit. Goodwin's or Hadley and Allen's Greek Grammar; any standard edition of Xenophon's Anabasis; Sones' Greek Composition, or Sidgwick's Greek Writer. Systematic and thorough study of Greek grammar; special drill in syntax; the translation of books I, II, III, and IV of the Anabasis; thorough; drill in Greek Composition; history of the period in which Xenophon lived.

German.—Two units. A thorough knowledge of the rudiments of German grammar; ability to read prose or poetry of moderate difficulty; ability to translate simple English

Normal Department

sentences into German; the reading of at least three-hundred pages of prose; translation of matter based on the text read; memorizing of selected poems, practice in writing and speaking German.

History.—one unit. A year of High School work in English History, American History and Civics, or Mediæval and Modern History.

Science.—One unit. Another of the Sciences already mentioned, or Physiography, one or one-half unit. The time spent and the amount of field work and experiments done will determine the amount of credit. Text such as Hopkin's, Dryer's, Davis's or Tarr's,

Physiology.—One-half unit. The equivalent of Martin's Human Body. (Briefer course)'

English Bible.—One-half to two units. Work presented from standard Bible schools will be accredited on proper basis.

Entrance Requirements.

ELECTIVES.

Economics.—One-half unit. The practical study of some text like Laughlin's Political Economy.

Psychology.—One-half unit. A half year's work completing a text like Halleck's Psychology and Psychic Culture.

Bookkeeping.—Mechanical drawings, Manuel Training, Domestic Art or Science, and Successful Teaching Experience may be credited as electives, one-half unit or one unit each, according to the grade and amount of work done.

Conditioned Students

Students who are conditioned on entrance work will take studies in the Academy to remove such conditions, but may also take such studies in the Freshman year of the College as time and previous work will admit. However, if a student who has the required English, Mathematics and Latin thinks he has a good reason why he should leave some conditioned work behind for a time he may take the question up with the Dean, but in no case may the conditioned work be left later than the Junior year of his College course.

Admission To Special Students

Students who desire to pursue special lines of work, and who do not intend to become candidates for graduation, will be admitted to the Academy, College of Liberal Arts, or Theological course on the following conditions:

1. The regular entrance requirements must be satisfied. But applicants who are not less than twenty-one years of age, after obtaining credit for elementary or "grade" work, and for such other subjects as may be necessary to qualify them for the classes they wish to enter, may, on the presentation of satisfactory reasons, be admitted by the action of the Committee on Standing and Graduation to any class in these departments; provided, that if any student who has been admitted on these conditions afterwards becomes a candidate for a degree, he shall take the omitted examination at least one academic year before the degree is conferred.

2. Before entering the College, students desiring to pursue special work are required to lay before the said committee for approval or modification, a written statement of the end they have in view, the studies proposed for the attainment of that end and the probable period of attendance. Such students will be held as strictly to their accepted shemes of work as are the regular under graduates to their courses of study.

3. Permission to enter as special undergraduates will be refused to all who fail to give satisfactory evidence of definiteness of purpose, and will be withdrawn whenever the conditions on which it was granted cease to exist.

4. All students whose English shows a marked deficiency will be required to take such courses in English as seem best suited to the student's need.

COURSES OF STUDY

Union College has been running for a time as an A Grade Academy. We now propose to add the College of Liberal Arts and Sciences as fast as we can. This year we will offer standard work to a College class in such subjects as Trigonometry, College Algebra, English Composition and Literature, Physics, Chemistry or Zoology, Latin, German or French, and English Bible. It will take from five to ten students to create a demand for any subject. Any prospective College student should write us before coming.

Elective Work.

Every subject in any regular course will be taught as scheduled, however few demands there may be in that course for that subject; but all electives, either as required work in some other course or as required work in no regular course, must have at least five students before the formation of such a class will be obligatory upon the institution. But if deemed expedient by the President and Professor in charge of the course, a class may be formed for any number whatsoever.

Any course in the regular College courses may be elected by students in whose regular course it does not appear, but credit will not be given on a new language for less than fifteen hours.

Students who present for entrance, work that is required in the College will have the privilege of electing that much more of their College Course.

Advanced Standing.

Advanced standing will be given students who present work done at other institutions of like grade. Work done at institutions on the Semester plan will be accredited at proper ratio. No student should expect to receive full credit for work done at institutions not having equal entrance requirements. Enough to satisfy the entrance requirements will be deducted and remainder will be accredited.

Mathematics

PROFESSOR KENYON

Mathematics V.—Plane and Spherical Trigonometry.—Relations between the functions of different angles or arcs; construction and use of tables; angles as functions of sides, and sides as functions of angles; a study of right and oblique spherical triangles, Wentworth's Plane and Spherical Trigonometry, or similar text. Four hours a week. First Semester.

Mathematics VI.—Algebra.—Permutations and combinations, probabilities, series, general properties of equations, general solutions of equations, etc. Four hours a week. Second Semester.

English.

MISS CHATHAM.

English V.—Composition.—The chief purpose of this course is to train the student in the use of easy, idiomatic English. It is believed that successful instruction in Rhetoric depends not so much upon precept as much as example and practice; so the student is encouraged to write freely upon subjects that appeal to him, and that spring naturally from the interests and activities of his daily life. The instructor corrects each paper in detail, and makes appointments with each student for private consultation. The instruction is made extremely flexible, and freshness and variety of methods are constantly sought. Required of all Freshman. Two hours a week throughout the year.

English VI.—Historical Outline of English Literature—Long's English Literature; and Manley's "English Prose," and "English Poetry," constitute the text used. Three hours throughout the year.

Natural Science.

PROFESSOR KENYON—General Physics.

If a student has not had any Physics the course in the senior academy may be taken and credit received in College work.

General Inorganic Chemistry.—This course concerns itself with the fundamental principles on which the science is

Group of Girls and Teachers, Fanny Speed Hall

based. The non-metals and metalloids, together with their more important compounds, are studied. Energy as a factor in chemical reactions receives especial attention, as also do the elementary principles of chemical dynamics and statics. The metals or base forming elements are carefully studied. Stress is laid upon certain processes and various materials in the application to the commercial arts. Students have desks in the laboratory at which the required experiments are performed. More elaborate experiments to illustrate lectures are performed by the instructor Text books, lectures and recitations two or three hours a week and laboratory work four to six hours a week. Laboratory fee $3.00 a semester.

General Zoology.--Types of the main groups of animals are studied with regard to structure, development, and relation to environment. Laboratory work will be on animals selected from the following list: Amœba, paramœcium, vorticella, stentor, sponge, hydroids, planarians, thread worms, earth worms, nereis, leech, star-fish, sea-urchin, snail, clam, squid, crayfish, centipede, grasshopper, beetle and frog. Lecttures and collateral reading. Two two-hour laboratory periods a week. Laboratory fee, $1.00 a semester. Four hours a week throughout the year.

Latin.

PROFESSOR ATKINSON.

Latin V.-- Cicero's De Senectute and DeAmacitia; Tivy, Books XXI and selections from Book XXII; Tacitus' Germania and Agricola, with prose composition. Four hours a week throughout the year.

Latin VI.--Horace's Odes and Epodes; Terence, selected plays; Juvenal's Satires. Three hours a week throughout the year.

German and French.

PROFESSOR ATKINSON.

Standard csurses in these languages will be offered upon proper demand.

THEOLOGICAL DEPARTMENT.

PURPOSE.

This is not supposed to be a theoligical seminary course, but it is offered as a training which will meet the needs of the man or woman who wants some help in Christian work before going to a theological seminary. Also, there are thousands of efficient workers who cannot and who never hope to get a complete College training. Again, a course in a System of Christian Doctrine is as valuable as a mind and character builder as almost any college course one could take.

The Theological Course as a whole is designed for a certain class of mature people who feel that they are called to special Christian work, but do not have time to take up the mathematics and foreign languages of a regular High School Course,

Admission.

This course is open to a certain class of mature people who have finished at least the Common School and who have a purpose to do special Christian work.

Scope.

The work in this course is chosen for the adaptability to immediate and practical use, and covers three years. Those finishing this work will be graduated with a certificate for the course.

COURSE OF STUDY.

FIRST YEAR.

FIRST SEMESTER			SECOND SEMESTER		
English	I.	5	English	I.	5
Science	I. a	4	Science	I. b	4
History	I.	5	History	I.	5
Theology	I.	3	Theology	I.	3
Bible	1 or 2		Bible	1 or 2	

SECOND YEAR.

FIRST SEMESTER			SECOND SEMESTER		
English	II.	4	English	II.	4
English	III.	4	English	III.	4
History	II.	5	History	II.	5
Theology	II.	2	Theology	II.	2
Expression		2	Expression		2
Bible	1 or 2		Bible	1 or 2	

SENIOR YEAR.

FIRST SEMESTER			SECOND SEMESTER		
English	IV.	4	English	IV.	4
Economics	I.	5	Psychology	1.	5
Theology	III.	4	Theology	III.	2
Expression		2	Expression		4
Bible	1 or 2		Bible	1 or 2	

Bible and Theology.

PRESIDENT FRANKLIN and REV. OVERLEY.

BIBLE study of one period a week will be required of all students. The courses will be of high grade and credit will be given for the work. The courses are not all decided upon as the catalog goes to press, but they will cover such ground as Old Testament History, New Testament History, The Gospels, Paul's Epistles and The Acts, The Life of Christ, Prophesies and Bible Poetry.

The work in Theology has two purposes. First, it is designed to give an intelligent understanding of the principles underlying Christian philosophy and experience. No field is more interesting and profound. Second, it is designed to give practical training in active Christian service. We count it one of our great privileges to educate Christian ministers, missionaries, and other special agents for this general field.

Theology I. This is an introductory course for students who have had but little training in Bible study and practical experience. The course starts with Binny's Compend of Doctrine and is followed by some of the standards, such as Wesley's Christian Perfection, Walker's Philosophy of the Plan of Salvation. Three hours a week throughout the year.

Theology II. Homiletics. This course is practical but will be made as literary as possible. A careful study of sermonizing, making of outlines, writing of briefs and sermons. Lectures by the instructor and some good text, such as Broadus, Kern or Pattison. Two hours a week throughout the year. College credit will be given for this work.

Theology III. The first part of the course will be a careful study of Theism as a fundamental to Christian philosophy. When the fundamental is well established the course will proceed to build up a well constructed system of Christian Doctrine. The basis for this course will be Sheldon's System of Christian Doctrine, but the course will be in a large measure a lecture and discussion course. Four hours a week throughout the year. College credit in Philosophy will be given for this course.

Room in Fanny Speed Hall
Girls' Basket Ball Field

Parlor, Fanny Speed Hall
Corridor, Fanny Speed Hall

NORMAL DEPARTMENT

PROFESSOR D. M. HUMFLEET

The public schools of our State are making rapid strides forward. Every year more is required of the public school teacher. It is the purpose of this department to keep abreast of the times educationally and to prepare teachers to do their most efficient work and to command the highest wages.

Persons not teaching may enter the regular eighth grade work in the Fall. At the opening in January, Normal Classes will be organized in all the common branches, continuing for the remainder of the school year. Classes in Psychology, and Theory and Practice will also be conducted. Equipment has been added for textbook and experimental work in Agriculture.

Many Normal students often desire to take some higher work. For the benefit of such, classes will be organized in January in beginning Latin and Algebra. Persons desiring still higher work can find suitable classes to which they can easily adjust themselves. Literature and other work necessary to prepare for the examination for State certificate will also be given.

The Textbooks in the common branches will be mostly these adopted by the State Board. The professional texts will be Seeley's History of Education and Roark's Psychology and Methods.

ELEMENTARY SCHOOL

WILBUR S. EDWARDS

Grammar Room, Seventh and Eighth Grades

MARY LIGON

Intermediate Room, Fourth, Fifth and Sixth Grades

MARY E. DAVIS

Primary Room, First, Second and Third Grades

The Elementary School will henceforth be distinctly separate from the Normal Department. The work of each of the grades, including the Seventh and Eighth, will be independently continued throughout the year. A separate Normal Class will be organized after Christmas as stated under the Normal Department. Students coming in at this time who are not able to carry the advanced Normal work may enter the Seventh and Eighth Grade classes, but the regular work of the Grammar room will not be interrupted for this purpose.

The course as outlined below will be carefully followed and the yearly grades of the student entered in our grade book. It will be necessary to complete the course as outlined before receiving our Eighth Grade diploma. Pupils entering the Elementary School from other schools must present credits showing their standing, or must submit to examination to determine their proper classification.

Primary Department.

MARY E. DAVIS.

First Grade.

Reading.—By means of pictures the children are given a large vocabulary of sight words. The word, sentence and action method combined soon give them the ability to read script. Blackboard reading is used altogether for the first few months; then the Primer is introduced. The phonic sound of the letters are taught to assist the children in making out new words for themselves.

Writing.—The Montessori method is used. By means of sandpaper letters the muscles are trained so that the child can write before he holds a pencil. All the small and capital letters are taught.

Spelling.—Words are learned fiirst only as wholes. Toward the end of the first year the names of the letters are learned and formal spelling is begun.

Numbering.—Counting to 100 and the combinations up to 20 are learned. The sandpaper figures teach the correct formation. Simple problems in addition and subtraction are given.

Language.—The children are taught to express themselves freely in complete sentences. The common grammatical mistakes receive special attention. Simple work in dictation and composition is begun near the end of the first year. Poems are learned and rhymes and stories dramtized.

Second Grade.

Reading.—Second and supplementary readers are used. Special effort is made to teach the children to read naturally as they talk.

Spelling.—The formal spelling of the first grade is continued. Words suited to the mental grasp of the children are selected from the State Spelling Book, and the children learn to pronounce, spell, and use them in sentences.

Numbering.—Counting and writing figures to 1000. The the combinations of addition and subtraction are thorougly taught, and more elaborate work is done in both lines.

Language.—The oral work of the previous grade is continued and enlarged. More elaborate work in composition is done. The marks of punctuation and forms of sentences are learned and used frequently. Good poetry is studied and stories dramatized.

Third Grade.

Reading.—Third and supplementary readers are used, special attention being paid to expression.

Spelling.—The work of the second grade is continued and advanced.

Numbering.—The work of the second grade is reviewed. The multiplication table through the sixes are learned and simple multiplication and division taught. Counting and writing figures to 1,000,000. Reading and writing in dollars and cents. Measuring with a foot rule; the value of an inch, foot and yard.

Language.—Work of the second grade is continued. During the oral work talks are given on nature study, physiology, morals, etc. Original composition work and letter writing are given special attention. Stories dramatized by the children are "acted out" to give them freedom of expression and movement. Poems are learned and simple poems written.

Geography—The forms of land are learned, built in the sand table and traced out of doors. The forms of water are taught, and when possible, worked out by the children. A daily record of the weather is kept and changing conditions due to the seasons are noted. In connection with this subject the lives of some of the great explorers are studied.

History.—Beginning with the life of the primitive cave man the children work out the conditions of the age and rediscover fire, reinvent weapons, and the primitive art. This leads up to the life of the shepherd people, then to the agriculturist, then to the merchants, then to community life and so on to our present condition.

All Grades.

Bible Study.—Verses suited to the various grades are committed to memory. A short chapel service is held every morning.

Story Telling.—Twice a week stories are told to the children. In this way they become familiar with the world's best literature. They are encouraged to reproduce these in all possible ways.

Games and Gymnastics.—Five minutes, twice a day are given to gymnastics, games and exercises, to give the chil-

Stevenson Cottage and Power Plant

dren muscular control and ability to follow directions rapidly.

Drawing.—The children are encouraged to express themselves freely in this way. In the second and third grades the Arts and Crafts course is used.

Handiwork.—Folding, cutting, tearing, pasting, weaving, painting, crayoning, and cardboard construction are used through the grades to give finer co-ordination of the muscles and teach the children the use of their hands. By these occupations they prepare most of the materials for supplementary work, make tows, and decorate the room.

Music.—Once a week the children have a vocal lesson with the College music teacher. Each morning they have songs at their opening exercises.

Intermediate Department.

MARY LIGON.

Fourth Grade.

Reading,—Fourth Reader and grade library books. Silent reading is practiced. Phonic exercises and drills are given.

Language.—Oral and written reproductions of descriptions. Paragraphing and letter forms are taught. Simple rules of good usage are formulated. Drill is given on correct use of capitals, punctuation, etc.

Spelling.—Words from the daily lesson and from the spelling book.

Arithmetic.—Roman numerals. I to C, and by hundreds to M, are taught. United States money, using "College Currency" from the Business Department, is used in practical exercises. Simple problems connected with daily life are given. Problems in bills and accounts, where one of the factors is twelve or less, are used. Simple cancellation, simple problems in fractions, and dry measure are introduced.

Geography.—The continents are studied in reference to position, form, size (as compared with other continents), relief, drainage, distribution of population and political divisions. Small globes are provided for individual use so that the pupil becomes familiar with the earth as a sphere.

History.—No text is used this year, but stories of important historical characters are told by the teacher and read by the pupil.

Hygiene.—The principal facts of physiology are taught from a simple text book to give background for practical lessons in hygiene.

Fifth Grade.

Reading.—The Fourth Reader is continued and suitable classics are read. The children are taught the use of the dictionary and reference books. Careful attention is given to emphasis, inflection, and the tone of voice. Tennyson's The Brook; Holmes' Old Ironsides; Shakespeare's Lullaby to Titania, are to be memorized.

Language.—Simple compositions are written from outlines. Pictures are studied and compositions written about them. The simple declarative sentence is studied.

Spelling.—The fourth grade work is continued.

Arithmetic.—Decimals, aliquot parts, square and cubic measure and avoirdupois weight are introduced. Practical exercises in buying and selling by weight, using "College Currency" and balances from the laboratory, are much enjoyed by the children of this grade.

Geography.—The political divisions, of the continents are studied, following in general this outline; position, form, size, relief, drainage, climate; soils, vegetation, animal life, mineral wealth, manufacturing, distribution of population and chief trade routes. The geography of Kentucky is studied somewhat in detail following the above outline.

History.—A simple text on American History is studied.

Hygiene.—The same text book is continued and simple supplementary reading on the prevention of disease is required.

Sixth Grade.

Reading.—The Fifth Reader is used. The use of dictionary and library books is continued. Lowell's The First Snowfall; Read's Sheridan's Ride, and Wolfe's Burial of Sir John Moore, are to be memorized,

Language.—Model narrations, descriptions, and exposi-

tions are studied and imitated in original work. The paragraph is studied. The rules for punctuation are reviewed.

Spelling.—The work as of Fifth Grade is continued. Stems, prefixes, suffixes and synonyms are studied.

Arithmetic.—Fractions and percentage are continued. Simple interest and foreign money are taken up. Forms of bills and accounts are studied by practical work. Special emphasis is placed on problems dealing with agriculture.

Geography.—The subject is studied more in detail than in the land forms, with introduction to the causes that produce the land forms, wind, ocean currents, etc.

History.—A more advanced text is used and an effort is made to have the children appreciate the historical trend of events. A brief introduction to European history is given.

Hygiene.—Models and lantern slides from the biological laboratory are used during this year. Principles of first aid to the injured are taught.

All Grades.

Drawing.—A graded course using the Practical Drawing series is taught.

Music.—Weekly lessons in sight singing are givn by the voice teacher.

Nature Study.—This is not taught as a separate subject, but is correlated in a practical way with reading, drawing, geography and physiology.

Penmanship.—A graded series of copy books is used and the pupil is required to use care in all written exercises.

Grammar Department.

PROFESSOR EDWARDS.

Seventh Grade.

Grammar.—Technical study of sentences is begun. Phrases and clauses are studied. Words are parsed. Drill is given in the use of tenses. The conjugation of the verb is begun.

Reading —This comprises appreciative reading of such selections as: Browning's How They Brought the Good News from Ghent to Aix; Cooper's The Spy, and Dickens' Christmas Stories.

Language.—Students are required to write descriptions, narrations, characterization, expositions and personal letters based upon their reading and experience. The work is correlated with both the reading and the grammar.

Arithmetic.—Interest is studied, including commercial paper and compound interest as applied to saving's bank accounts. Drill is given in the operations of depositing money, drawing checks and figuring interest. Ratio, simple proportion, powers and roots, are studied. Mensuration is reviewed and careful drill is given including measurment of contents of such solids as sphere, pyramid and cone. Agricultural problems are solved.

History.—Kentucky History occupies first half of year. American History is taken the second half, going through the Revolutionary period. Collateral reading is required. History is correlated with geographical studies.

Physiology.—More advanced text book than in the sixth grade with the emphasis still placed on hygiene more detailed study is given to foods, the nervous system and the special senses.

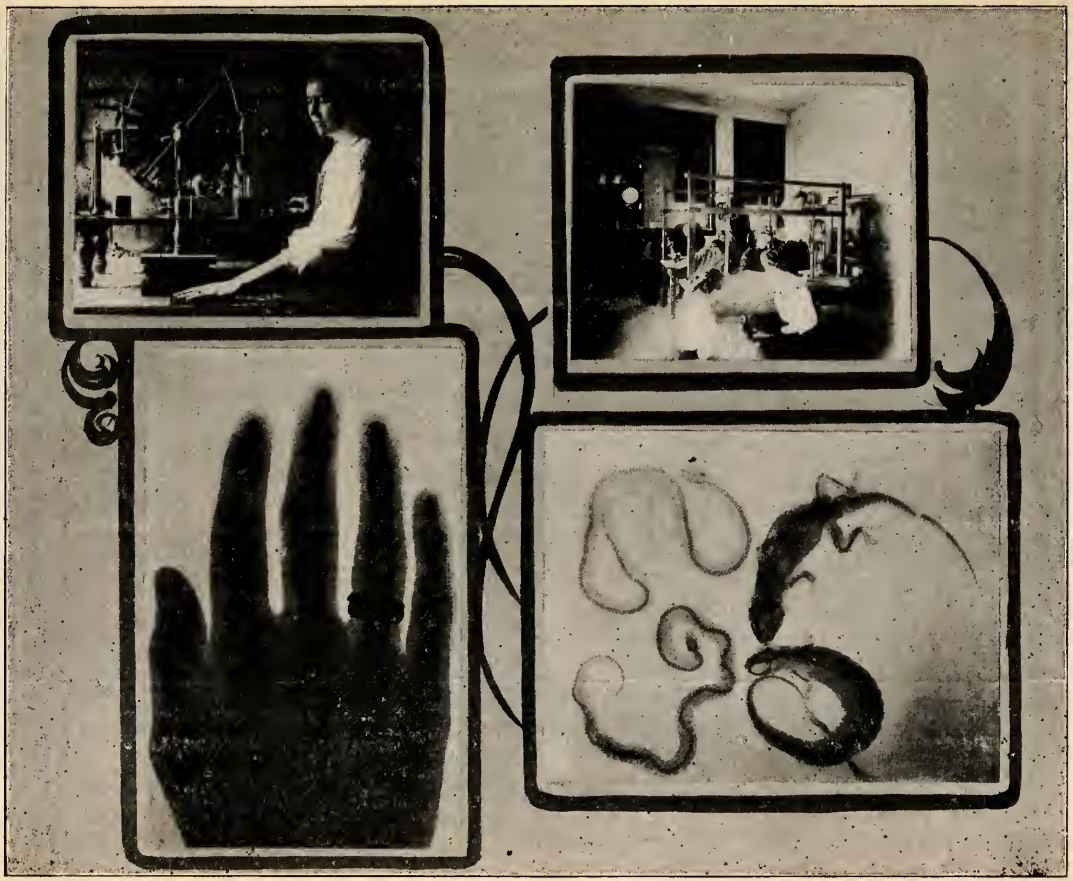
Geography.—A more advanced text is used. Special reference is given to the political divisions of the continents and to racial characteristics as influenced by natural causes.

Eighth Grade.

Grammar.—Analysis and synthesis of sentences are studied. Verbs are studied with reference to class, inflection and syntax. The conjugation of the verb is completed, The whole subject is systematically reviewed.

Reading.—The appreciative reading of such selections as Hale's The Man Without a Country, Longfellw's The Skeleton in Armoe, and Lowell's Under the Willows The work should comprise the reading of about three prose selections of the length of the Man Without a Country, and one poetic selection similar in length to Scott's Lady of the Lake, or about six shorter poems of the length indicated above.

Language.—Composition work is continued. Descriptions and arguments from selected portions of the classics read are analyzed. Drill is given on correct oral and written forms. Special attention is given to the writing of business letters.



Making X-Ray Photograph

Physics Class at Work

X-Ray Photograph of Small Animals

Arithmetic.—Drill is given in rapid calculation. Practice is given in interest computation, using short methods. Simple algebra formulas are introduced. Practical problems suited to the various courses of study pursued by the students are solved.

History.—American History is completed, and the whole subject is reviewed. Collateral reading is continued.

Agriculture.—This is a text book course with a number of demonstrations and a few simple individual experiments, such as testing seed corn, soil porosity, etc. Practical observations in the field are made. One-half year, beginning after Christmas.

Geography.—This is a study in Commercial Geography, running one-half year. It comprises studies of areas of production, agriculture and mineral resources, trade routes, and movements of civilization, showing how these are based on geographical conditions.

Both Grades.

Penmanship.—Students are graded on the penmanship of all written exercises. Drill work is given in writing from dictation.

Spelling.—All written work is graded in spelling. The recitation work follows the speller adopted by the State Board.

DEPARTMENT OF MUSIC.

The demand for more and better music increases year by year. Today, it is not only sought for in refined and cultured circles, but is demanded in all forms of church and school work. No student's education is complete without some knowledge of music.

The courses of study here prescribed are for earnest students who want to attain real excellence. Since many have in mind the work of teaching, their needs are specially provided for.

A diploma is awarded for the completion of the course as outlined in the catalog. Each grade should take one year to finish, two periods per week. The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide

range of musical literature cannot here be given. The student must finish at least three years of Academic work before receiving the diploma in music.

Pianoforte.

MISS RAINS.

First Grade.—After learning the notes, rests, etc., careful attention is given to development of finger touch and of a round and full legato. Technical studies are given for muscular development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the second grade.

Second Grade.—This consists of major scales and common chord arpeggios, hands separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op 65, books 2 and 3; Kohler, Op. 50; Sonatinans by Kuhlan, Dussak, and others. Pieces by Haydn, Schumann, Mozart, and modern composers.

Third Grade.—Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66, selections from Heller, Op. 47, Sonatas from Mozart and Haydn; Field's Nocturnes; Composition by Gurlitt, Moskowski, Mendelssohn, and others.

Fourth Grade.—Major and minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs without words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann, and modern composers.

Fifth Grade.—Major and minor scales, hands together at the metronome rate of 116; common chord arpeggios at the metronome rate of 116; common chord arpeggios at the rate of 100; Dominant and diminished sevenths at the rate of 100. Cramer Etudes; Bach's Inventions; Octavo Studies; Schubert's Impromptus; Chopin's Waltzes; Beethoven's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell and others.

Senior Year.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished

seventh at a rate of 116: major and minor scales in double thirds, chords, octaves, hands separate, at metronome rate 80. Clamenti's Gradus ad Parnassus; Bach's well-tempered Clavichord; Selections from Handel's Suits; Bach's English and French Suits, Beethoven's Variations; Mendelssohn's Scherzos, Chopin's Pollonaises and Nocturnes; modern composers. Students in this grade should practice at least three hours a day. Before completing the course in music, pupils must pass a creditable examination in Practical Harmony and Theory, and have at least one year in History of Music.

Recitals are given each quarter, all students of the Music Department participating, at the discretion of their instructors.

Voice.

MISS MAXEY.

Special emphases is given from the first to tone formation and proper breathing. Exercises in the development of the voice, in articulation, in expression and in the art of phrazing are given each year with increasing degrees of difficulty. Vocal scales are practiced. Easy, Pleasing songs by good composers are studied the first and second years, while songs of Schubert, Schumann, Mendelssohn, with selections from oratorios and operas are used during the third and fourth years. Precision of tone and flexibility of voice are developed by scale exercises and vocalises by Marchesi and others.

Violin.

WILLIAM M. BAKER.

The violin is the nearest approach to the human voice of all musical instruments. Its music is an endless source of delight. It is splendid for solo work, is indispensable for orchestra work and is excellent for accompanying voices in singing. For the cultivation of a fine musical ear there is nothing superior to the study of the violin. We offer a carefully graded course covering four years' work. An orchestra will be maintained in which the student will have the opportunity of studying ensemble playing to supplement his individual work.

MUSICAL ORGANIZATIONS

Orchestra.

PROFESSOR KENYON.

This organization is maintained for the training that it gives the student in music and for the pleasure that such an organization gives the school and its patrons. An orchestra is always in demand to add to the delight of an evening's program. The college owns a few of the foundation instruments for this organization.

Band.

PROFESSOR KENYON.

A good band is recognized as an important adjunct to a school.

The permanency of this organization is assured by the fact that the college owns its own set of instruments. If you have an instrument bring it along.

Mandolin Club.

This, too, is placed upon a permanent basis, the College owning a set of eight mandolins and one mandola for the use of the club. This organization is for young ladies and is open to any young lady in the school until the instruments are all taken up.

College Chorus.

MISS MAXEY.

This is the organized class in chorus work and should prove a helpful and delightful addition to the musical features of the school.

Union College Band

DEPARTMENT OF EXPRESSION.

MISS WEST.

The object of this department is to train the body and the voice. Exercises are given to develop the poise of the body, freedom of gesture, ease of manner and self-confidence. Careful attention is given to proper articulation so that one's thoughts may be stated clearly and attractively. Though special attention is given to public speaking, yet the aim of the department embraces more than this. In every line of human activity the proper use of the voice is an important factor. Business men, salesmen, teachers, trained nurses, and others give much more proficient service from having a well trained voice and manner, as well as public speakers. A broad training in handling voice and gesture that is suited to the needs of all classes is the aim of this department.

The regular course, for the completion of which a diploma is given, is outlined below and consists of two private lessons and two class lessons per week. It is designed to run parellel with our four year Academic course. At least three years of the Academic course, or their equivalent are necessary before the diploma in Expression will be granted. Students taking "half time" will pay one dollar extra per month for the class work.

COURSE OF STUDY

First Year:

Physical Culture	Fundamental Voice Training
Literary Interpretation	Platform Department
Recitals	Visible Speech

Textbook, Evolution of Expression, Vols. I and II.

Second Year:

Physical Culture	Expressive Voice
Responsive Drill	Tennyson, Kipling, Browning
Vocal Technique	As You Like It, or the Merchant of Venice
Literary Interpretation	
Visible Speech	Recitals
Vocal Physiology	

Textbooks, Evolution of Expression, Vols. III and IV.

Philososophy of Physical Culture, Expressive Voice Culture.

Third Year:

Physical Culture
Expressive Voice
Gesture
Hamlet
Dramatic Art
Recitals
Vocal Technique
Extemporaneous Speaking
Debate
Pantomime
Macbeth

Textbooks, Perfective Laws of Art, Vols. I and II.
Practical Public Speaking.

Fourth Year:

Physical Culture
Anatomy
Vocal Technique
Faust
History or Oratory
Twelfth Night
Recitals.

Department of Art.

CORA SEVIER.

The aim of this department is to ground the pupil in the fundamental principles of Art and to cultivate some of the high faculties of the mind. As to the benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensable in all departments of mechanics, and that a knowledge of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and the means of making homes more cheerful and attractive.

The regular course in Art embraces four years' study of two periods per week. A diploma is awarded for the completion of the course. The student must have at least three years of Academic work before the diploma will be awarded. The exact time required for the completion of the course will naturally vary with the ability of the student; since a certain degree of proficiency is required to entitle the student to the diploma regardless of the time used.

The course is as follows:—

FIRST YEAR.

Pencil, charcoal, and pen and ink drawing from plaster casts and still life. Study of perspective and artistic groupings.

ART STUDIO

SECOND YEAR.

Drawing continued, using more dificult objects, Water colors introduced. History of Art.

THIRD YEAR.

Drawing continued and special attention to artistic grouping, Photographs and miscellaneous works of art are studied from this view point. Water colors continued and work in oil begun. Outdoor sketching, pastel, pierced brass, clay modeling, stenciling and china painting are optional this year.

FOURTH YEAR.

Drawing, water colors and oil continued and such optional branches as the student has selected. Study in principles of design.

BUSINESS DEPARTMENT

MISS CREAL.

Our school is situated in a region of rapid industrial growth, where the demand for trained office help is constantly increasing. The development of the coal fields of Eastern Kentucky has brought about an unprecedented demand for expert bookkeepers and stenographers. Union College proposes to prepare young people to meet this demand by offering thorough courses in commercial branches. A teacher has been secured who has had experience in both public school and commercial school teaching. Thorough instruction is assured.

The two principle courses are Bookkeeping and Stenography.

BOOKKEEPING

This course is arranged in the simplest form possible, the student's work being the same as an actual bookkeeper for a business firm. This work begins with the simplest form of cash business and gradually leads up to the most complicated forms of bookkeeping.

The course includes:

Bookkeeping,
Commercial Arithmetic,
Penmanship,
Business Forms,
Spelling,
Business Practice.

SHORTHAND AND TYPEWRITING

Our Commercial Department offers superior advantages for the study of Shorthand and Typewriting. The great demand for Reporters and Amanuenses makes this a very popular and a very practical course for young men and women. The instruction is thorough, none but accurate exercises being accepted from the beginning of the course.

The Pitman-Howard system of phonagraphy is taught on account of its clearness and the ease with which the student may transcribe his notes when he has mastered the system. Investigation has proved it to be one of the most popular systems taught in Commercial Colleges and High Schools.

The Van Sant System of touch typewriting is used. It is a system that combines speed and accuracy and is easily mastered by the earnest student.

The Shorthand Course includes:

Shorthand-Theory,
Dictation,
Typewriting,
Business Correspondence.
Penmanship,
Spelling,
Legal Forms,

COMBINED COURSE

The combined course includes everything taught in the above courses. The student is advised to take the combined course as business men so often require a bookkeeper-stenographer and will pay better salaries to persons thus equipped.

The courses are given separately but an earnest student can complete the combined course in nine months or less time.

TIME REQUIRED

The average student can complete the bookkeeping course in three or four months. The shorthand course requires from four to five months, the time will vary according to the experience and individual effort of the students.

REMARKS

DIPLOMAS will be awarded to students completing the combined course, and Certificates to students completing a single course.

A good common school education is necessary in order to do the work of the Business Department successfully.

Ladi-s' Basket Ball Team

TERMS

The tuition for either of the above courses is $10.00 per month.

Special courses in any of the above subjects, running one period per day, are offered at the rate of $2. per month.

SPECIAL TERMS

Shorthand, unlimited	$40.00
Bookkeeping, unlimited	30.00
Combined Course, unlimited	65.00
Special Courses, per year	15.00

EXPENSES

All bills are charged by the semester and are payable in advance. Please take note of this and arrange to settle at the beginning of each semester.

From the expense table below it is seen that a boarding student entering the Collage, Academy or Theological Departments will have a bill of $15.00 for tuition, $45.00 for board and room rent, and 25 cents for carrying of mail, making a total for the first semester of $60.25. The same amount will be due at the opening of the second semester January the 25th. The total for the school year is $120.50. The cost to a student taking Normal or Grade work from the fourth to the eighth grade would be $6.00 less each semester, or $54.25, making a total of $108.50 for the school year.

Ministerial students and children of active ministers will receive a reduction of one half on their regular tuition. This does not include specials such as Music, Expression, Business, etc.

The following prices on tuition, laboratory fees, board and room rent are given for a school year of nine months.

Tuition, Per Year

College	$30.00
Theology	30.00
Academy	30.00
Normal	18.00
Seventh and Eighth Grades	18.00
Fourth to Sixth Grades	18.00
Second and Third Grades	13.50

First Grade	9.00
Piano, two lessons per week	36.00
Violin, two lessons per week	36.00

Art, Expression and Voice, same as Piano.

For Business Courses see page 53.

Laboratory Fees

Physiography, Botany and Physiology, each	1.50
Zoology	2.00
Normal Physiology	1.00
Physics	4.00
Chemistry	6.00

Breakage, which is usually due to careless handling of apparatus, is charged extra.

Miscellaneous Fees

Piano rental, one hour daily	$6.00
Rental for Mandolin, Orchestra or Band Instruments for year	3.00
Key deposit, Boy's Hall (Refunded when key is turned in)	.50
Special examinations	.50
Academic, Music, Art or Expression diplomas, each	5 00
Eighth Grade diploma	2.00
Carrying mail for boarding students	.50

Board and Room

Board and Room, including light, heat and water	90.00

ROLL OF ALUMNI OF UNION COLLEGE

Collegiate Department

1893

James Perry Faulkner, (M. A., In cursu, 1896) ..... A. B.
John Elbert Thomas, ... A. B.

1894

John Henry Byrley ..... A. B.
Charles Helder Gibson ..... A. B.
James Samuel Lock ..... A. B.

1895

Alexander Francis Felts ..... A. B.
Leslie Hudson, (Deceased) ..... A. B.
Sarah Elizabeth Lock ..... A. B.
Daisy Chastine Tinsley ..... A. B.
Maude Ellen Tinsley ..... A. B.
George Harmon Wilson ..... A. B.

1896

William Carson Black ..... A. B.
James Pogue Gibson ..... A. B.
George Edwin Hancock, (M. A., In cursu, 1899) ..... A. B.
Deceased.
Edward Warren Tinsley ..... A. B.

1897

Fred Trigg Kelley ..... A. B.
May E. Lock ..... A. B.

1898

Victor Vance Anderson ..... A. B.

1899

John Black Hudson ..... A. B.
John Eve Matthews ..... A. B.

1900

Della Jewell Johnson ..... A. B.
Maymie Hannah Johnson ..... A. B.
Henry Clay Black ..... A. B.
George Augustus Lock ..... A. B.
Grant Perkins ..... A. B.
J. Will Harris ..... A. B.

1903

Margaret Gill Burnside ..... A. B.

1904

Roxye Leona Wilson ..... A. B.

1905

Joseph A. Bretz ..... A. B.

1906

Lawrence G. Wesley ..... A. B.
Cora Grindstaff ..... A. B.
Laura Grindstaff ..... A. B.

1907

Earnest Faulkner ..... A. B.
Lena Wilson ..... A. B.

1908

Edward P. Hall ..... A. B.

Junior Collegiate Department

Charles Leroy Howes 1913

Academic Department

Thomas A. Wood 1908
Mary Ballinger, (Deceased), ... 1908
Howard Trent 1908
J. Spencer Singleton 1908

Thomas Bradley Ashley 1909
Charles G. Black 1909
J. Loyd Decell 1909
Robert W. Howes 1909
Laura Greer Easley 1909
Nancye Kincheloe 1909
Sudie Pauline Newman 1909
Hattie Jean Stansberry 1909
Samuel Bruce Hardy 1909

Amelia Ballinger 1910
Grace Bellaire Berry 1910
Verdie Colson 1910
Idella Kincheloe 1910
B. C. Lewis 1910
William Clark Mace 1910
Edgar B. Wesley 1910
Oscar Wesley 1910
Mary Rice Wilson 1910

Ellen Bryan Clark 1911
Ida Mae Cole 1911

Union College Famous Orchestra.
W. M. BAKER, Leader and Director.

Anna Mae Creech....1911
Guy Leslie Dickinson....1911
Norma Bruce Elliott....1911
Nancye Lee Faulkner....1911
Anna Royston Griggs....1911
Charles Leroy Howes....1911
Lallah Rookh Johnson....1911
Harrison W. Large....1911
Mary Dora Laughlin....1911

Lucy Ballinger....1912
Pearl Allyn Bastin....1912
Hallie Ester Cheap....1912
Myrtle Cole....1912
Lillian Hnna Mae Harrop....1912
Walter Monroe Jarvis....1912
Bertha Lockhart Norris....1912
Kathleen Brennan Sullivan....1912
Naomi Oldham Tuttle....1912

Annie Dee Albright....1913
Anna Cronley Ballinger....1913
John List Carrol....1913
Ollie Elnora Cole....1913
Maud Cole....1913
Ruth Decker....1913
Robert Faulkner....1913
Louise Jesson....1913
Mabel Jacobs Matthews....1913
Earl Mayhew....1913
Veana Gillraith Noe....1913
Thelma Edythe Stratton....1913
Edward William Scent....1913
Richard Brittain Tuggle....1913
Anna Melvin Walton....1913
John Henderson Young....1913

Stephen Amos Ballinger....1915
W. McKinley Wesley....1915
Clyde Stanfill....1915

Music Department

Joan Easley 1908

Emma Weaver 1909

Ida Mae Cole 1911
Norma Bruce Elliott 1911

Ollie Elnora Cole 1913

ROLL OF STUDENTS 1914-15

Graduates 1915

Stephen Amos Ballanger W. McKinley Wesley
Clyde Stanfill

Academic Department

Albright, Martha.....Barbourville, Ky.
Avritt, Iva.....Marion County, Ky.
Bengey, Commodore.....Bell County, Ky.
Cole, Claude.....Barbourville, Ky.
Faulkner. Drew.....Barbourville, Ky.
Freeman, Everett.....Virginia
Fuller, Odis.....Barbourville, Ky.
Forester, John.....Harlan County, Ky.
Gregory, Will.....Barbourville, Ky.
Golden, Rees.....Barbourville Ky.
Haggard, Carl.....Casey County, Ky.
Jones, Herbert.....Barbourville, Ky.
Jones, Nellie.....Barbourville, Ky.
Johnson, Gladys.....Barbourville, Ky.
Jett, Beach.....Breathitt County, Ky.
King, George A.....Barbourville, Ky.
Lewis, Carl E.....Barbourville, Ky.
Lock, Katherine K.....Barbourville, Ky.
Mayhew, Laura.....Barbourville, Ky.
Mayhew, Mae.....Barbourville, Ky.
Mitchell, Lillian.....Barbourville, Ky.
Miller, Stewart.....Barbourville, Ky.
Mills, Charles.....Knox County, Ky.
Putnam, Florence.....Barbourville, Ky.
Ruiz, Jose.....Cuba
Sampson, Dowis.....Barbourville, Ky.
Sampson, Emoline.....Barbourville, Ky.
Sampson, Pauline.....Barbourville, Ky.
Shannon, Lena Mae.....Barbourville, Ky.
Stanfil, Clyde.....Barbourville, Ky.
Spratt, Thomas.....West Virginia
Stansbury, Albert.....Barbourville, Ky.
Stansbury, Joe D.....Barbourville, Ky.
Tye, Bonnie.....Barbourville, Ky.

Tye, Jewell.....Barbourville, Ky.
Wesley, Ned.....Casey County, Ky.
Wesley, McKinley.....Casey County, Ky.
Williams, Elsie M.....Fleming County, Ky.
Wood, Helen.....Ohio

Normal and Grammar Department

Bain, Paul.....Barbourville, Ky.
Bain, Ruby.....Barbourville, Ky.
Bain, Sallie.....Barbourville, Ky.
Beddow, Robert.....Barbourville, Ky.
Brashear, Herman.....Clay County, Ky.
Brashear, Bryan.....Clay County, Ky.
Campbell, Andy.....Knox County, Ky.
Cornett, Ella.....Harlan County, Ky.
Cornett, Otis.....Harlan County, Ky.
Decker, Sawyer.....Barbourville, Ky.
Early, Bee.....Laurel County, Ky.
Faulkner, Drew.....Barbourville, Ky.
Faulkner, Russell.....Barbourville, Ky.
Gibson, Joe.....Knox County, Ky.
Goodin, Susie.....Bell County, Ky.
Green, Karl.....Bell County, Ky.
Hendrickson, Charles.....Knox County, Ky.
Hendricks, John.....Knox County, Ky.
Henson, Ester.....Barbourville, Ky.
Hopper, Anna C.....Knox County, Ky.
Hopper, Sydney L.....Knox County, Ky.
Humfleet, Flossie.....Knox County; Ky.
Jackson, George.....Barbourville, Ky.
Jones, Fred.....Barbourville, Ky.
Kelley, Dewey.....Clay County, Ky.
Kelley, Mattie F.....Barbourville, Ky.
King, Henry F.....Barbourville, Ky.
Lester, Ethel.....Knox County, Ky.
Lester, Mary.....Knox County, Ky.
Lester, Sarah.....Knox County, Ky.
Lewallen, Hardin.....Knox County, Ky.
Mayhew, Mae.....Barbourville, Ky.
Mayhew, Laura.....Barbourville, Ky.
McDonald, Ben.....Barbourville, Ky.
Mitchell, Elsie.....Barbourville, Ky.

Boys' Basket Ball Team

Mills, Charles.....Knox County, Ky.
Miller, Fred .....Barbourville, Ky.
Miracle, Carl.....Bell County, Ky.
Miracle, J. W.....Bell County, Ky.
Neil, Arthur.....Bell County, Ky.
Neil, Lila.....Bell County, Ky.
Neil, Theo.....Bell County, Ky.
Noe, Lydia D.....Barbourville, Ky.
Ohler, Robert.....Knox County, Ky.
Overley, Raymond .....Barbourville, Ky.
Owens, Charles.....Barbourville, Ky.
Perkins, J. W.....Knox County, Ky.
Prater, Charles.....Magoffin County, Ky.
Price, Mary .....Rockcastle County, Ky.
Putnam. Ruby.....Barbourville, Ky.
Reynolds, Charles.....Clay County, Ky.
Reynolds, Ben .....Clay County, Ky.
Richardson, B. F. .....Barbourville, Ky.
Richardson, John..... " "
Rodriguez, Armando..... Panama, R. P.
Saunders, Asa B. .....Lewis County, Ky.
Smith, Clyde .....Knox County, Ky.
Smith, O. W. .....Clay County, Ky.
Stansbury, Albert.....Barbourville, Ky.
Taylor, Henry.....Bell County, Ky.
Vermilion, Walter.....Barbourville, Ky.
Walker, D. M.....Knox County, Ky.
Webb, Lee.....Bell County, Ky.
Webb, Wm. ..... " " "
Wilder, Hilary..... " " "
Williams, Ben .....Knox County, Ky.
Wilson, Nicy..... " " "
Wilson, W. H.....Bell County, Ky.
Winchester, Ida ..... Knox County, Ky.

Intermediate Department

Black, Maurice.....Barbourville, Ky.
Bingham, Charles..... " "
Byrley, Cecil..... " "
Dishman, Will Ed ..... " "
Eager, Mary Lee .....Harlan County, Ky.
Farmer, Loretta.....Barbourville, Ky.

Farmer, Wilson ..... Barbourville, Ky.
Gregory, John ..... Knox County. Ky.
Hammons, Amanda ..... Barbourville, Ky.
Henson, Clarence ..... " "
Jones, Ethel ..... " "
Lewis, Ben ..... " "
Lewis, Lenora ..... " "
Lewis, Mirtha ..... " "
Lewis, McKinley ..... " "
McClung, Evelyn ..... " "
Middleton, Leola ..... Harlan County, Ky.
Mizrachi, Joseph ..... Panama, R. P.
Mizrachi, Moses ..... Panama, R. P.
Owens, Ruth ..... Barbourville, Ky.
Rutherford, Homer ..... Whitley County, Ky.
Sampson, Anna Maud ..... Barbourville, Ky.
Sampson, Helen ..... " "
Sharp, Arthur ..... Knox County, Ky.
Smith, Anna Mae ..... Barbourville, Ky.
Turner, Edith ..... " "
Tuggle, Kenneth ..... " "
Tye, Drucilla ..... " "

Primary Department

Black, Evelyn ..... Barbourville, Ky.
Black, Fronzein ..... " "
Black. Stanley S. ..... " "
Beddow, Etta ..... " "
Bradley, Mary L. ..... " "
Brassfield. Charles ..... Tennessee
Brassfield, Ed ..... Tennessee
Childers, Georgia ..... Barbourville, Ky.
Davidson, Frank C. ..... " "
Dishman, Ben ..... " "
Eager, Alice ..... Harlan County, Ky.
Feeback, Maxine ..... Nicholas County, Ky.
Golden, Ben Hale ..... Barbourville, Ky.
Gregory, Evelyn ..... " "
Gregory, John ..... " "
Gregory, Pauline ..... " "
Hawn, Lewis ..... " "
Hendy, Margeret ..... " "

View of Barbourville Looking Westward

Henson, Betty	Knox County, Ky.
Henson, Earl	" " "
Jones, Hazel	Barbourville, Ky.
Jones, Roy	" "
Kennedy, Katherine	" "
Lewis, Luther	" "
Lewis, Mae	" "
Lewis, Verdie	" "
Lock, Lucile	" "
McClung, Jean	" "
McDermott, James	" "
McDonald, Ethel	" "
Scent, Charles	" "
Sharp, Condo	Knox County, Ky.
Sharp, Bertha	" " "
Smith, Gertrude	Barbourville, Ky.
Smith, Leola E.	" "
Smith, Walter B.	" "
Snow, Willie A.	New Mexico
Soward, Nannie V.	Barbourville, Ky.
Stanberry, Mary	Know County, Ky.
Tuggle, Thelma	Barbourville, Ky.
Turner, Delia	" "
Tye, Lillie Dale	" "

Business Department

Baker, W. F.	Rockcastle County, Ky.
Beverly, David	Virginia
Freeman, Everett	Virginia
Hamilton, Arthur	Barbourville, Ky.
Jarvis, Floyd	" "
Kelley, Hortense	" "
Lambdin, Clel	" "
Lester, Sarah	" "
Lockhardt, Lutie	" "
Mattingly, James	Virginia
Mayhew, Amos	Barbourville, Ky.
Mitchell, Charles	" "
Mitchell, Elsie	" "
Mitchell, Lillian	" "
Nash, Millie	" "
Simms, A. T.	Lee County, Ky.

Simpson, G. G.	Clay County, Ky.
Slusher, O. F.	Bell County, Ky.
Stanfill, Clyde	Barbourville, Ky.
Stanfill, John	" "
Stansbury, Joe D.	" "
Steele, Gertrude	" "
Spratt, Thos.	Virginia
Taylor, H. L.	Barbourville, Ky.
Trosper, J. S.	Knox County, Ky.
Tye, Bonnie	Barbourville, Ky.
Williams, Elsie M.	Fleming County, Ky.

Music Department

Albright, Martha
Bain, Ruby
Bain, Sallie
Cornett, Ella
Eager, Mary Lee
Farmer, Loretta
Gibson, Mary
Humfleet, Violet
Johnson, Gladys
Jones, Ethel
Lock, Katherine
Mayhew, Laura
Mayhew, Mae
Middleton, Leola
Miller, Stewart
Neil, Lila
Overley, Raymond
Prater, Mary W.
Smith, Anna Mae
Sampson, Dowis
Sampson, Anna Maud
Sampson, Emoline
Tye, Jewell

Art Department

Albright, Lillian
Avritt, Iva
Cornett, Ella
Hershberg, Maggie
Jones, Ethel
Lane, Bertha
Marion, Vivian
Prater, Mary W.
Rodriguez, Armando
Wood, Helen.

Expression and Physical Culture Department

Albright, Martha
Black, Evelyn
Cornett, Ella
Farmer, Loretta
Sampson, Dowis
Sampson, Emoline
Sampson, Helen
Sampson, Pauline

Humfleet, Viola
Jackson, Mrs. Tommy
Jones, Ethel
Mitchell, Elsie
Mitchell, Lillian
Middleton, Leola
Overley, Raymond
Sampson, Anna M.
Scent, Blanche
Sharp, Bertha
Smith, Anna M.
Tye, Drucilla
Tye, Jewell
Tye, Lillie Dale
Williams, Elsie
Winchester, Ida
Wood, Helen

KNOX PRINTING COMPANY
BARBOURVILLE, KY.
1915

Annual Bulletin

of

Union College

1916='17

Barbourville, Kentucky

PANORAMIC VIEW OF BUILDINGS AND FRONT CAMPUS

WOMEN'S DORMITORY ADMINISTRATION BUILDING MEN'S DORMITORY

Annual Bulletin of Union College

1916–'17

UNION COLLEGE, BARBOURVILLE, KENTUCKY.
PRO DEO ET HOMINE
FOUNDED IN 1888

Barbourville, Kentucky

CALENDAR.

1916.

Wednesday, Sept 13	Fall Term Opens
Thursday, Nov. 30	Thanksgiving Day
Wednesday, Dec. 20	Fall Term Closes

1917.

Tuesday, Jan. 2	Winter Term Opens
Saturday, Mar. 17	Winter Term Closes
Tuesday, Mar. 20	Spring Term Closes
Wednesday, May 30	Commencement Day

BOARD OF EDUCATION OF THE KENTUCKY ANNUAL CONFERENCE OF THE METHODIST EPISCOPAL CHURCH.

CLASS No. 1, TERM EXPIRES IN 1916.

Rev. F .T. Kelley.....Russell, Ky.
Mr. A. M. Decker.....Barbourville, Ky.

CLASS No. 2, TERM EXPIRES IN 1917.

Rev. E. P. Hall.....Latonia, Ky.
Mr. C. B. Nordeman.....Louisville, Ky.

CLASS No. 3, TERM EXPIRES IN 1918.

Rev. E. R. Overley.....Covington, Ky.
Mr. J. H. Richardson.....Maysville, Ky.

CLASS No. 4, TERM EXPIRES IN 1919.

Rev. J. D. Walsh, D.D.....Chattanooga, Tenn.
Hon. Alvis S. Bennett.....Louisville, Ky.

CLASS No. 5, TERM EXPIRES IN 1920.

Rev. O. J. Carder.....Paintsville, Ky.
Mr. Harold Means.....Ashland, Ky.

CLASS No. 6, TERM EXPIRES IN 1921.

Rev. F. W. Harrop.....Harlan, Ky.
Hon. Jas. D. Black.....Barbourville, Ky.

OFFICERS.

Rev. O. J. Carder.....President
Mr. C. B. Nordeman.....Treasurer
Mr. Alvis S. Bennett.....Secretary

PROPERTY COMMITTEE.

Mr. C. B. Nordeman.....Chairman
Mr. A. M. Decker.....Secretary
Rev. F. W. Harrop, Rev. E. P. Hall,
Hon. Jas. D. Black.

SCHOOL COMMITTEE.

Rev. J. D. Walsh.....Chairman
Rev. E. R. Overley.....Secretary
Rev. A. M. Decker, Mr. J. H. Richardson,
Rev. F. T. Kelley.

FACULTY.

EZRA T. FRANKLIN, A.B., B.Pd., M.A.

PRESIDENT,

Theology, Philosophy and Bible.

A.B., Asbury College, 1903; B.Ph., Valparaiso University, 1905; A.B., Indiana University, 1906; M.A., Indiana University, 1910; graduate student at Columbia University, summer session, 1912 and 1913; research scholar, Columbia University, 1913-1914; teacher in graded school two years; a Superintendent of city schools two years; Dean and Professor of Philosophy, Asbury College 1908-1910; Professor of Theology and Philosophy, and Dean and Acting President of Olivet University, 1910-1911; President of Olivet University, 1911-1912; Vice President and Professor of Philosophy and Systematic Theology, Asbury College 1912-1915; President of Union College, 1915–

JAY B. KENYON, A.B.,

DEAN.

Science and Mathematics.

A.B., Asbury College, 1913; Graduate student at Columbia University summer session, 1916; assistant in Science, Asbury College, 1911-1912; Professor of Biology, Asbury College, 1913-1914; Professor of Natural Science, Asbury College, 1914-1915; Dean and Professor of Mathematics and Natural Sciences, Union College, 1915–

REV. C. A. BROMLEY, A.B., A.M.

English Bible.

A.B., Asbury College, 1897; A.M, 1901; Professor of English and English Bible, Asbury College, 1904-1906; many years a pastor; now pastor of M. E. Church, Barbourville, Ky.

LESTER E. LANGDON, A.B.

English and French.

A.B., Western Maryland College, 1916; special student at Illinois State Normal University; graduate of Western Maryland College, Normal Department; Columbia University, summer session, 1916; Principal of Graded and High School; Professor of English and French, Union College. 1916–.

MISS IRIS ABBEY, A.B.

Latin and German.

A.B., Taylor University, 1915; assistant instructor in German, Taylor University, 1914-1915; Professor of German and Latin, Union College, 1915–

D. M. HUMFLEET.

Normal Department.

Attended Union College two years; Normal school and Kentucky University Summer School; teacher in Public Schools fourteen years; Principal of Graded and High School; taught Normal Work two years; at this writing holds the highest grade certificate in Knox County; Principal of the Normal Department, Union College, 1915-

JESSICA TARLETON RAINS,

Piano, History and Harmony.

Graduated from the Music Department of Hayswood Seminary and took a graduate course at the same; studied at the College of Music, Cincinnati, O., under Frederich Hoffman; Studied at the Sherwood School of Music, Chautauqua, N. Y.; Taught at Hayswood Seminary; Private teacher at Maysville, Ky., for five years; Piano teacher in the Cincinnati Academy of Music, 1912-1915; Teacher of Music, Union College, 1915–

(To be supplied.)
Voice.

Lulu I. Fisher

(To be supplied.)
Expression.

CORA BALES SEVIER, A.B.,

Art.

Graduated at Hamilton College, Lexington, Ky.; Student at Cincinnati Art Academy; Taught art three years as private teacher; Taught art at Colliersville High School, 1913-1915; Teacher of Art, Union College, 1915–

MR. STANLEY E. WILLIAMS,

Violin.

Student of the Meridian Conservatory of Music; Pupil under Madam Hull, J. E. Winsorlord, Roy Young, and others. Student of Cincinnati Conservatory of Music, under Emil Hermann of Symphony Orchestra. Much experience in Orchestral Work. Instructor in Violin, Union College, 1916–

NETTIE CREAL,

Typewriting, Penmanship and Office Secretary.

Academic Course and Teachers Training Course, East Lynn College, Buffalo, Ky.; Teachers Training Course, Private Normal, Hodginsville, Ky.; Commercial Course, Bryant and Stratton Business College, 1911; Taught twelve years in Public Schools; Teacher in Bryant and Stratton Business College, 1912; Head of Shorthand Department Union College,

Branch of Bryant and Stratton Business College, 1913-1914; Principal of Union College School of Business, 1914-1916; Office Secretary and Teacher of Typewriting and Penmanship, 1916–

WILBUR S. EDWARDS,

Grammar School.

Attended Valpraiso University, Normal Department, 1905 and 1907; Kentucky Wesleyan College, 1908; Eastern Kentucky Normal, 1911-1912; taught in Public Schools seven years; Teacher of Grammar School, Union College, 1914–

MARY LIGON,

Intermediate.

Graduated from Kentucky Classical and Business College, North Middletown, Ky.; studied two years at Eastern Kentucky Normal; taught two years in Public Schools; Teacher of Intermediate Department, Union College, 1915–

MARY E. DAVIS,

Primary.

Studied Kindergarten and Primary Work at Chicago University; taking Special Work at Chicago University this summer in the Modified Montissori Method; Teacher of Primary, Union College, 1913–

W. B. SAMPSON,

Intsructor in Academy History.

GEORGE W. THOMAS,

Assistant in Academy Mathematics.

CARL W. HAGGARD,

Assistant in Science Laboratory.

OFFICERS OF ADMINISTRATION.

EZRA T. FRANKLIN, A.M.....President
JAY B. KENYON, A.B.....Dean
LESTER E. LANGDON .....Librarian
MISS NETTIE CREAL.....Office Secretary
MRS. C. N. SAMPSON.....Preceptress Fanny Speed Hall.
MRS. WILL GREGORY.....Matron of Men's Dormitory.
ALERY D. SMITH.....Superintendent of Buildings and Grounds.
MRS. A. D. SMITH.....Superintendent of Dining Hall

Union College

LOCATION.

BARBOURVILLE, KENTUCKY, the county seat of Knox County, is the site of Union College. It is an incorporated city of about 2,500 inhabitants and is situated on the Cumberland Valley Division of the Louisville and Nashville Railroad. It is an attractive and progressive town, having many of the modern conveniences, such as natural gas, electric lights, waterworks, telephone exchange, good hotels, etc. Its citizenship is refined and law-abiding. In no place in the county is the sale of intoxicating liquors authorized by law. The moral tone of the town is high. Baptists, Presbyterians, Disciples, Methodist Episcopal South, and the Methodist Episcopal have churches here. The ideals of the people are elevating, their friendships warm, genuine and abiding. Their hospitalities are cordial and gracious. They are interested in the school and the student.

Cumberland River, famed for its historical associations and its picturesque scenery, flows through the valley and skirts the town. Charm and beauty of hill and valley commingle in splendid profusion. Viewed from a practical standpoint, the innumerable hills, with their wealth of vegetation above, and interesting geological strata below, afford a rich field for excursions of scientific classes. The mildness of the climate is conducive to such out of door study.

HISTORY.

UnionCollege had its origin in the minds of the citizens of Barbourville. They early recognized the needs of a Christian institution of learning in their midst. But to turn the furrow one must have the

plow. So in 1880, a joint stock company having been formed for the purpose and incorporated, a site secured, and a suitable building erected thereon and dedicated, Union College started on a career of usefulness which has blessed the community and justified the faith of its founders.

In 1886 the property was sold to the Kentucky Conference of the Methodist Episcopal Church. The institution was, from that time to his death, in January, 1897, under the administration of the Reverend Daniel Stevenson, D.D., an able and conscientious educator, a consecrated and devout Christian, a cultured and refined gentleman. His incumbency was a material, intellectual and spiritual blessing to school and student, citizen and community. Upon the death of Doctor Stevenson the Reverend James P. Faulkner, A.M., a native of Knox County and a graduate of Union College, succeeded to the Presidency of the College. His wise and progressive administration brought the school on toward the accomplishment of its purpose and the realization of its high mission.

During the administration of President Faulkner, the Board of Education came into possession of the legacy bequeathed by Mrs. Fanny Speed and from that time the expansion of the school became more marked. During this administration there were planned and begun Fanny Speed Hall and the Central Power and Heating Plant. They were not available for use, however, until the beginning of the next administration, that of Reverend James W. Easley, B.D., A.M., whose term of office began in 1905. In spite of adversities, the school increased in equipment and influence during his administration. During the summer of 1906, the Administration Building was struck by lightning and burned to the ground. One year later it was replaced by a more commodious building and the handsome Men's Dormitory was erected.

Upon the resignation of President Easley in 1901, Judge James D. Black, LL.D., of Barbourville, now

Lieutenant Governor of Kentucky, became the fourth President of Union College. Under his management the material, as well as the less tangible interests of the school progressed with rapid strides. The two years of President Black's connection with the school will be remembered as years of solid growth.

On his retirement from the leadership of the school its management was given into the hands of Percy L. Ports. Professor Ports had been in the service of Union College for seven years, having held the position of teacher of Natural Science for that period, and having been Vice-President for two years. He is a graduate of Ohio Wesleyan University.

During the school year of 1912-13 the Board of Education suffered such severe financial reverses that it appeared for a time that it would be necessary to close the school for a term of years. Fortunately, this calamity was averted, largely by the loyalty and sacrifice of the citizens of Barbourville. A large part of the sum necessary for the operation of the school was subscribed and a group of twenty-six men bound themselves by contract to guarantee the continuance of the work of the institution. As a result of this emergency, a Local Board of Trustees was organized. This Board had the direct oversight of the school for the year 1913-14, during which year it continued under the management of Prof. Percy L. Ports.

For the year 1914-15, the Conference Board resumed the work of the school. Upon the resignation of President Ports, Rev. E. R. Overley, Pastor of the First M. E. Church, was made the nominal president and the management was given into the hands of Prof. B. C. Lewis under the title of Vice-President and Business Manager. Owing to its financial struggles and other difficulties, the work of the school this year was commendable. The darkest hour is just before dawn. The outlook for the school for the future is the brightest in its history. The Conference Board has taken hold of the school with renewed determination; the General Board of Education of our Church,

with headquarters in New York City, is also backing the school financially and otherwise. This will give its claims financial recognition in other parts of the country.

On June the 30, 1915, Professor Ezra T. Franklin was elected President of Union College and given a general plan of procedure which embraced a financial campaign for a balance on the annual budget and a larger campaign for improvement and endowment. Another part of the plan was that special attention should be given to the religious interests and needs of the students and all others connected with the College.

Both these problems are being solved. It is expected that the balance in the budget will be met in full by conference of this year, and a good start has been made on the larger financial campaign.

Two revivals, one in the fall term and another in the winter term, resulted in the conversion of nearly all the students hitherto unconverted.

At the Board meeting in January, 1916, it was decided that the College Course proper should be added as fast as possible. It will be started in 1916-7.

AIM.

Life is a warfare. Then, shall we not be armed? In this, education is the sword, character the protecting shield. To vitalize the power of intellectual development; to teach and form studious habits; to surround with refining influences; to appeal to the sense of right, the pride of manhood and womanhood; to enlarge the love of the Good, the True, and the Beautiful; to increase lofty moral and social ideals; to lead to a Christian experience and to build a Christian character—these are the functions of the College, and therein does it secure the harmonious development of the soul and prepare for the largest usefulness in life.

But education is a process, rather than a fulfillment; an acquiring rather than a completion. The school then, can assist in the buckling on of the armor, but it may not make one fight. The well-poised school

will teach faith in oneself, the value of self reliance, and the dignity and enoblement with which honest effort requites the worker. This, Union College endeavors to accomplish. And if it can teach the sons and daughters of its patrons to be "of quick perceptions, broad sympathies, and wide affinities; responsive but independent; self-reliant, but deferential; loving truth and candor, but also moderation and proportion; courageous, but gentle; not finished, but perfecting," its mission will not have been a failure. Its methods proceed on the thought that morality in the best sense can be taught only through the inculcation of high ideals constantly kept before the mind of the student. Appeal is made to pride of honor in the student.

The aim, then, of Union College is the development of life and the formation of genuine, substantial character. It interprets the meaning of life and sets itself to the task of fitting young men and women for the manifold and responsible duties the age demands.

CAMPUS.

The campus comprises about eight acres and is situated on the highest part of the town. The buildings are located at convenient distances from each other, while the intermediate space is filled with splendid shade trees. There are on the campus some twenty different varieties of native trees. The buildings are connected with each other and with the street by cement walks. Deep wells of pure, wholesome water are located near each dormitory. There are three tennis courts, and two basket ball fields, besides ample room for croquet lawns on the campus. The grounds are lighted at night by four arc lights and several tungstens.

BUILDINGS.

Administration Building.—This is a well-proportioned three-story building, constructed of brick and concrete and trimmed with Tennessee marble. The building is steam-heated and lighted by electricity, as

are all the buildings on the campus. It is scientifically ventilated. In it are the classrooms, library, President's office, chapel, laboratories, and the central dining hall. There are fourteen classrooms. These are equipped with single desks and slate blackboards. From the President's office are speaking tubes to each room. The building is equipped with an electric program clock system. The chapel is commodious and is seated with comfortable opera chairs. There are three laboratories, chemical, physical, and biological, whose equipment is described later. The dining hall, kitchen, and bakery are in the basement, occupying nearly the whole floor.

Fanny Speed Hall.—This is the home for the young women. It is a three-story building of unique design. It has spacious halls and parlors and the rooms are neatly furnished. The building is supplied with bath rooms, toilets, and gas hot plates for students' use. A small monthly fee is charged for this latter convenience.

Young Men's Hall.—This is a brick structure of colonial design, three stories high. The rooms accommodate two students each. It is on the opposite side of the campus from Fanny Speed Hall. The basement contains toilet rooms, and shower baths with cold and hot water.

Stevenson Cottage.—This building bears the name of the honored first President of Union College. It is used as a dwelling, being occupied by the Superintendent of buildings and grounds.

Heat, Light and Power Plant.—This is situated at a safe distance from the other buildings and contains the boiler, engine, dynamo and pumps. The location of this plant, together with the concrete and brick construction of the college buildings, places danger of fire as the remotest possibility. From this plant all the buildings are supplied with steam heat, electric light and water. The water is from two deep drilled wells within the building.

EQUIPMENT.

Library.—The Speed-Stevenson Library containing over two thousand volumes was established by Mrs. Fanny Speed, of Louisville, Ky., and Mrs. Stevenson, wife of the first President of Union College. The late Professor George H. Daines, was a liberal contributor to it. A large number of books was donated by Drew Theological Seminary, through the kindness of Rev. S. G. Ayers, Librarian. Numerous reference books for the various departments are added each year. The Reading Room is supplied with many of the best secular and religious papers and current magazines. The students are thus able to keep themselves informed with respect to the daily news and familiarize themselves with the best modern literature.

The Honrable John H. Wilson, of Barbourville, Kentucky, generously donated a large number of books. These books embracing a wide range of useful information constitute a valuable addition to the Library. A Conference Alcove has been founded and is maintained by the individuals of the Kentucky M. E. Conference. Its aim is to supply complete sets of the works of classic writers.

Laboratories—Chemical.—This is equipped with two tables with acid proof tops, accommodating thirty-two students. The tables are supplied with running water and natural gas. An automatic water still is included in the equipment. Ample glassware and chemicals are provided for fifty individual student experiments. The laboratory contains a Henry Troemner analytical balance, sensitive to one-twentieth milligram, besides several less delicate balances for student use.

Physical.—In this laboratory apparatus is provided for about fifty individual experiments in mechanics, light, heat, sound, magnetism and electricity. The equipment includes a Hart Optical Disk, standard steel meter stick, made by Brown and Sharpe, three static machines, three X-ray tubes, electrical

measuring instruments, one-horse power electric motor, diffraction grating, organ pipe, sonometer, etc. The equipment, is all modern and of high grade.

Biological.—In these are provided dissecting sets and microscopes for work in botany and zoology. There are two compound microscopes, one with filar micrometer eyepiece and oil-immersion objective, magnifying one thousand diameters. There are numerous zoological specimens preserved in formalin. For work in physiology there are two human skeletons, a model of the human trunk, and numerous important charts. The equipment comprises also a stereopticon with microscope attachment and a large number of lantern and microscope slides covering many subjects.

Mathematics.—Hard wood models of the various geometric forms are provided. Drawing boards and accessories are provided for class-room work in geometry. Each student is expected to own an inexpensive pair of compasses for home use. For the course in surveying the department has one transit, one level, two compasses, and the usual accessories, including a hundred foot tape, which has been tested by the United States Bureau of Standards and guaranteed accurate to within .02 of an inch.

Music.—The college owns six pianos, two of them being in the Chapel and kept tuned together for recital purposes. There are eight Howard mandolins and one mandola for the Mandolin Club. A full equipment, consisting of fifteen-silver-plated Conn instruments, is provided for the college band.

Power Plant and Shop.—For lighting, the college owns a forty horse power Skinner automatic engine, direct-connected with a James Clark, Jr., 25 K. W. direct current dynamo. There are three steam pumps for drawing pure water out of deep wells. In the shop is one screw-cutting lathe, gas engine and dynamo, drill-press and a full complement of metal and wood working tools.

Fire Protection.—The buildings are furnished with twenty hand chemical fire extinguishers. The students are instructed in the use of these at the beginning of each session.

SANITATION.

All the water used for drinking purposes at the college come from deep wells from which the surface and quicksand waters have been cased off. There is an especially fine well near the Girls' Dormitory which is one hundred feet deep and furnishes pure soft water from the deep-lying sandstone. This is used in the dining-room. The college has a modern sewerage system, extending half a mile to Richland Creek. Milk is supplied from cows kept in the college dairy. The bread and pastries used are baked in the college bakery. The rooms of the dormitories and Administration Building are thoroughly disinfected during vacation.

GOVERNMENT.

Proper control and guidance of a student body are of such great importance that too much attention cannot be given to them. The principle of government is self-control and self-direction. The plan of developing the good is adopted. This produces the best results in character building. The students who are not amenable to rules of right living and who do not respond to the appeals to a moral life, or who waste the time in idleness will be asked to leave.

Dormitory life places the control of the student body at best advantage for easy direction in conduct, as well as best direction in study. Co-operation from the homes of the students is a necessity. This is earnestly solicited.

Students under the age of fourteen cannot well be cared for in the dormitories and only in exceptional cases can we receive any under that age.

It is of greatest importance that the student be here on the first day of the term.

The student's dress should be simple, not elabo-

rate or faddish. The dormitory student is required to keep his room and its contents in good condition. Student's rooms are subject to inspection by proper authorities at any time.

Young ladies under eighteen residing in Fanny Speed Hall are not permitted to receive calls from young men, except by written request from the parents addressed to the Preceptress. In all cases the administration reserves the privilege of final decision. No parent should undertake to grant to the student with us any permission which might interfere with the school duties but should concede to the administration the right of control while in school.

Due consideration, under proper supervision of the Faculty, is given to the developing social nature of the young people. Indiscriminate mixing of the sexes is not permitted, but frequent social gatherings, under the direction of the Preceptress, are held. These give the student the culture that is demanded today of educated men and women. Our dormitory ideal is the home life of a well-ordered Christian home.

Each student is required to be in attendance at Sunday School and the Sabbath morning preaching service. It is also expected that each student shall attend all religious services held under the direction of the college. The attendance at daily Chapel service is required.

Students are expected to pay for breaking and defacing of property.

The use of tobacco, profanity, and obscene language is positively prohibited, also the reading of trashy literature.

No boarding student will be allowed to room or board off the campus without permission of the President. We are prepared to take care of all who come; as we are responsible for them, we prefer to keep them under our care.

All students must be in their own rooms after 7:00 P.M.

No student is allowed to leave town without permission, and girls must have proper chaperonage.

Any student before quitting the school is required first to notify the President and make a settlement of any unpaid bills.

Union College is not a reformatory institution, but a place for the training of the body, mind, and soul of earnest, studious boys and girls.

Boys known to be unmanageable at home will not be received here, as one bad boy will injure the whole school, and the extra time and strength given to him should be given to good boys and girls.

RELIGIOUS INTERESTS.

Union College is endeavoring to do a class of work which will justify the support of the Methodist Church and Christian people in general as well as other philanthropists who want a specific moral and Christian atmosphere about student life.

To this end the chapel exercises are directed. Forty minutes each school day are spent in whole-hearted singing, scripture reading, prayer, and a pointed address on some vital subject pertaining to character building after the best Christian type. Revivals are also a part of our religious program. All students are urged to become Christians and to unite with some church. This year, 1915-16, nearly every student not previously a Christian was brightly converted.

The young men have their religious organization known as the Boys Conference which meets four evenings each week just after supper for thirty minutes. The young ladies and the teachers in Speed Hall have a weekly prayer meeting.

All students are required to attend Sunday School and Sunday morning preaching services.

BOARDING STUDENT'S OUTFIT.

Boarding students should bring the following articles: Large pillow slips, sheets, pair of blankets, quilt, counterpane, towels, napkins, and covers for

bureau and washstand. The young men will provide for single beds. Young ladies will also bring curtains forty-five inches in length.

DRESS.

Often the problem of dress becomes a source of discontent and annoyance to a boarding school and to patrons. We do not care to adopt uniforms for girls to insure economy and balance if we can get these results otherwise.

Our policy for 1916-17 is to require girls to have coat suits or blouses and skirts for church and school wear. Plain dresses are also desirable for school wear. The wearing of fancy dresses will not be permitted on these occasions, and **at no time will extreme low necks and sleeves above the elbows be allowed.**

WRITING AND SPELLING.

All students above the Grammar School whose writing is not reasonably legible and whose spelling is not fairly good will be required to take special work in these branches until they reach a reasonable efficiency. There will be an extra tuition fee of $1.00 a month for each. Students will be excused from these classes at the end of any month in which they have reached the required standard.

DROPPING WORK.

After once enrolling in a class the student cannot drop the work except by the consent of the Dean and the teacher in charge.

REFUNDING.

No fees will be refunded.

No tuition will be refunded. But in case of protracted sickness when the student has to drop out of the term's work a non-transferable due bill will be given covering tuition for the time lost.

If private lessons in music or elocution are missed by the fault of the teacher or school, they will be made up or the tuition refunded for the time lost. If the

student fails to report for lessons the College will not be responsible, and there will be no refunding of tuition.

EXAMINATIONS AND GRADES.

Examinations are held at the close of each term and the examination, together with the daily grade constitute the term grade. Grades are reported in letters as follows: A, 95-100; B, 85-94; C, 75-84; D, 70-74; K, means condition; F, failed. No completed course will be marked K. Only a continued course will be marked K when the teacher thinks the student may make up the deficiency before the course is completed. If the student does not make up the deficiency the whole course will be marked F. A grade of F means that the course must be dropped and taken again later. If, for good reason presented to the teacher, the student receiving grade F desires to take another examination, the teacher may give it upon receipt of order for special examination. Only one D each term may be credited toward graduation. Credit toward graduation will not be given on a course not completed, except in certain courses where the work done will justify.

Grade A means **excellent**; grade B, means **good**; grade C, **fair**; grade D, **passed**. Only one D in a term will be counted towards graduation, and if the student is carrying extra work no D grade and only one C grade a term will count towards graduation.

An order for special examination may be obtained at the Office by paying a fee of $1.00. Examinations other than those set for the class shall be classed "special examinations," and cannot be held except by order for same.

The object of this ruling is two-fold. 1. To assure attendance upon examination. 2. To spare a busy teacher the waste of time.

MAIL.

The College mail carrier will collect all out-going mail from the dormitories and Administration Build-

ing each morning and afternoon and will deliver the in-coming mail likewise. A fee of fifty cents a year will be collected at the Office from each boarding stuent for this service.

LITERARY SOCIETY.

The students have a most aggressive organization known as The Adelphian Literary Society. The work is of a high class and almost all students are allied with it. It affords great opportunities for acquiring ease in public address and other forms of public entertainment.

The Faculty encourages the society every way possible and it is regarded as one of the most valuable special features of the College.

THE JOSHUA S. TAYLOR SCHOLARSHIPS.

The Rev. Johshua S. Taylor of Middleburg, Ky., left to Union College the sum of $1,500.00, the income of which is to be used to help men studying for the ministery in the Methodist Episcopal Church. One young man who was helped in this way last year saw nearly 1,000 souls converted under his ministry the following summer.

At the last meeting of the Board of Education it was decided to give this income for tuition only and that it should be known as The Joshua S. Taylor Scholarships. Since ministerial students pay only one-half tuition this fund will furnish on the average of five scholarships each year. Applications for these scholarships should be made to the President.

It is hoped that others interested in perpetuating Christian education will establish scholarships for some kind of students in which they find themselves interested.

ATHLETICS.

Union College believes in athletics and means to encourage that interest by precept and example; but she has come to doubt the wholesomeness of intercollegiate athletics for herself. We believe that this

will meet the approval of our patrons and assure better results to the students. Our baseball park, tennis courts, and basket ball grounds are the scenes of many lively and generously played games among ourselves. We have seen it tried, and it works.

COLLEGE OF LIBERAL ARTS AND SCIENCE.

Admission.

Graduates from our Academy, and from accredited High Schools and Academies, will be admitted to the Freshman class.

Fifteen units of High School work are required for entrance to the Freshman year of the College. A subject pursued daily with forty-five minute recitations, or four days a week with one hour recitations for a school year of at least thirty-six weeks constitute a "unit." Some of the units are required and others elective as follows:

REQUIRED.		ELECTIVES.	
Algebra	1½	Solid Geometry	½
Geometry	1	Physics	1
English	3	Physical Geography	½
Latin	3 or	Botany	½ or 1
Latin 2 and German	2	Zoology	½ or 1
Science	1	History	1
History	1	German	2
		Physiology	½
		Chemistry	1
		General Science	½
		Greek	2
		English Bible	½ to 2
		Bookkeeping	1
		Domestic Science	1
		Manual Training	1
		Mechanical Drawing	1
		Economics	½
		Psychology	½
		Music	1or 2
		Expression	½ or 1

REQUIRED.

ENGLISH COMPOSITION AND RHETORIC.—One unit. Every applicant must be able to write clear and correct English, and no applicant will be accepted in English whose work is seriously defective in spelling, punctuation,

grammar and paragraph structure. The proper preparation for this part of the requirement is practice in composition through the four preparatory years, with correction of themes by the teacher and revision by the pupil. Subjects for themes should be taken from the books prescribed for general reading below, and also from the pupil's observation and experience. Practice should be afforded in writing narration, description, exposition and argumentation. Applicants should be familiar with those principles of Rhetoric which are most helpful in elementary composition: viz., The principles of sentence structure, outlining, paragraphs and choice of words. The amount and kind of work required is indicated in Lockwood and Emerson's Composition and Rhetoric. Hill's Rhetoric or Brooks' English Composition and Rhetoric.

ENGLISH CLASSICS. (a)—For reading and Practice. One unit. The applicant is expected to give evidence of a general knowledge of the subject matter and to answer simple questions on the lives of the authors.

The books set for this part of the entrance requirements in 1916 will be:—

GROUP 1.—Classics in Translation. Two to be selected. The Old Testament, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; Homer's Odyssey, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's Iliad, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's Aeneid, The Odyssey, Iliad and Aeneid should be read in English translations of recognized literary excellence. For any selection from this group a selection from any other group may be substituted.

GROUP 2.—Shakespeare. Two to be selected.

Shakespeare's: "Midsummer-Night's Dream." "Merchant of Venice," "As You Like It," "Twelfth Night," "The Tempest," "Romeo and Juliet," "King John," "Richard II," "Richard III," "Henry V," "Coriolanus," "Julius Caesar," "Macbeth," "Hamlet."

N. B.—The last three only, if, not chosen for study.

GROUP 3.—Prose Fiction. Two to be selected.

Malory's "Morte d'Arthur," "Bunyan's Pilgrim's Progress, Part I, "Swift's "Gilliver's Travels," (Voyages to Lilliput and to Brobdingnag); Defoe's "Robinson Crusoe, Part I," Goldsmith's "Vicar of Wakefield," Frances Burney's "Evelina," Scott's Novels, any one; Jane Austen's Novels, any one; either Maria Edgeworth's "Castle Rackrent,' or "The Absentee;" Dicken's Novels, any one: Mrs. Gaskell's "Cranford," either Kingsley's "Westward Ho!" or "Hereward the Wake;" Reade's "The Cloister and the

Hearth;" Blackmore's "Lorna Doone;" Hughes' "Tom Brown's Schooldays;" either Stephenson's "Treasure Island,' or "Kidnapped," or "The Master of Ballantrae;" Cooper's Novels, any one; Poe's "Selected Tales;" either Hawthorne's "The House of Seven Gables," or "Twice Told Tales," or "Mosses from an Old Manse." A collection of short stories by various standard writers.

GROUP 4.—Essays, Biography, etc. To be selected.

Either the "Sir Roger de Coverley Papers," or "Selections from the Tatler and The Spectator," (about 200 pages;) "Boswell's Selections from the Life of Johnson" (about 200 pages); "Franklin's Autobiography; either "Irving's Selections from the Sketch Book," (about 200 pages), or "The Life of Goldsmith;" "Southey's Life of Nelson;" "Lamb's Selections from the Essay of Elia," (about 100 pages); "Lockhart's Selections from the Life of Scott," (about 200 pages); "Thackery's Lectures on Swift, Addison and Steele in the English Humorists;" Macaulay; one of the following essays: "Lord Olive," "Warren Hastings," "Milton," "Addison," "Goldsmith," "Frederic the Great," or "Madame d'Arbley," Trevelyan's "Selections from Life of Macaulay, (about 200 pages); (about 150 pages); "Dana's Two Years Before the Mast," "Lincoln's Selections," including at least two Inaugurals, the "Speches in Independence Hall and at Gettysburg," the "Last Public Address," and "Letter to Horace Greeley," together with a brief memior or estimate of Lincoln; Parkman's "The Oregon Trail;" Thoreau's "Walden," Lowell's "Selected Essays," (about 150 pages); Holmes, "The Autocrat of the Breakfast Table;" Stevenson's "Inland Voyage, and Travels with a Donkey;" Huxley's "Autobiography and Selections from Lay Sermons," including the address on "Improving Natural Knowledge," "A Liberal Education," and "A Piece of Chalk;" a collection of Essays by Bacon, Lamb, DeQuincey, Hablitt, Emerson and later writers; a collection of letters by various standard writers.

GROUP 5.—Poetry Two to be selected.

Palgraves "Golden Treasury" (First Series); Books II and III, with special attention to Dryden, Collins, Cowper, Gray, and Burns; Palgrave's "Golden Treasury" (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study); Goldsmith's "The Traveler, and the Deserted Village;" Pope's "The Rape of the Lock;" a collection of English and Scottish Ballads, "The Battle of Otterburn," "King Estmere," "Young Beichan," "Bewick and Grahame," "Sir Patrick Spens," and a selection from later ballads; Coleridge's "The Ancient Mariner, Christabel and Kubla Khan;"

Byron's "Childe Harold," "Canto III or IV," and the "Prisoner of Chillon;" either Scott's "The Lady of The Lake or Marmon;" Macaulay's, "The Lays of Ancient Rome," "The Battle of Naseby," "The Armada," "Ivry;" either Tennyson's "The Princess," or "Gareth and Lynette," "Lancelot and Elaine," and "The Lost Leader," "How They Brought The Good News from Ghent to Aix," "Home Thoughts from Abroad," "Home Thoughts from the Sea," "Incident of the French Camp," "Herve Riel," "Pheidippides," "My Last Duchess," "Up at a Villa—Down in the City," "The Italian in England," "The Patriot," "De Gustibus—," "The Pied Piper," "Instans Tyrannus;" Arnold's "Sohrab and Rustum," and "The Foresaken Merman;" Selections from American Poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

(B) INTENSIVE STUDY.

Preparation for this part of the work includes thorough study for each of the works named below; a knowledge of the subject matter, form, and structure. The books set for entrance requirements in 1916, will be:

GROUP 1—Drama. One to be selected.

Shakespeare's "Julius Caesar," "Macbeth," Hamlet."

GROUP 2.—One to be selected.

Milton's "L'Allegro," "Il Penseroso," and either "Comus" or "Lycidas;" Tennyson's "The Coming of Arthur," "The Holy Grail," and the "Passing of Arthur," The selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's "Golden Treasury" (First Series).

GROUP 3.—Oratory. One to be selected.

Burke's "Speech on Conciliation with America;" Macaulay's "Two Speeches on Copyright," and "Lincoln's "Speech at Cooper Union;" "Washington's Farewell Address," and Webster's "First Bunker Hill Oration."

GROUP 5.—Essays. One to be selected.

Carlyle's "Essay on Burns," with a selection from Burns' Poems; Macaulay's "Life of Johnson;" Emerson's "Essays on Manners."

ALGEBRA.—The quivalent of Mathematics I and IV.

GEOMETRY.—The equivalent of Mathematics II and IV.

LATIN.—The equivalent of Latin I, II and III.

HISTORY.—History I, or an equivalent in General History.

The required unit in Science will be Botany, Physics or Chemistry.

BOTANY.—One unit. This course should be both

technical and practical, and include a microscopic study of the cells and tissues of the plant, including root, stem and leaves, lectures, field and laboratory work on algae, mosses, ferns, gymnosperms and cryptogamous plants taken up in the Spring Term. Bergen's Essentials in Botany, or a similar text, indicates the ground to be covered.

PHYSICS.—One unit. The equivalent of the work in Millikan and Gale's First Course in Physics. Laboratory note book should be presented.

CHEMISTRY.—One unit. An introduction of general chemistry. The student should be familiar with the common elements and inorganic compounds and in an elementary way with the theory of chemistry. The instruction must include both text-books and laboratory work and extend over a period of one year. Note books must be presented.

ELECTIVES.

GREEK.—First unit. White's First Lessons in Greek or First Greek Book, or, an equivalent. The reading and translation of the first six chapters of Xenophon's Anabasis. Special attention should be given to pronunication, accent, inflection, and the general esentials of grammar.

GREEK.—Second unit. Goodwin's or Hadley and Allen's Greek Grammar; any standard edition of Xenophon's Anabasis; Sones' Greek Composition, or Sidgwick's Greek Writer. Systematic and thorough study of Greek grammar; special drill in syntax; the translation of books I, II, III, and IV of the Anabasis; thorough drill in Greek Composition; history of the period in which Xenophon lived.

GERMAN.—Two units. A thorough knowledge of the rudiments of German grammar; ability to read prose or poetry of moderate difficulty; ability to translate simple English sentences into German; the reading of at least three hundred pages of prose; translation of matter based on the text read; memorizing of selected poems, practice in writing and speaking German.

HISTORY.—One unit. A year of High School work in English History, American History and Civics, or Mediavel and Modern History.

SCIENCE.—One unit. Another of the Sciences already mentioned, or Physiography one-half unit and General Science one-half unit. The time spent and the amount of field work and experiments done will determine the amount of credit. Text such as Hopkin's, Dryer's, Davis' or Tarr's.

PHYSIOLOGY.—One-half unit. The equivalent of Martin's Human Body. (Briefer course).

ENGLISH BIBLE.—One-half to two units. Work presented from standard Bible schools will be accredited on proper basis.

SOLID GEOMETRY.—One-half unit. The work of some standard text.

ECONOMICS.—One-half unit. The practical study of some text like Laughlin's Political Economy.

PSYCHOLOGY.—One-half unit. A half year's work completing a text like Halleck's Psychology and Psychic Culture.

BOOKKEEPING.—Mechancial Drawings, Manuel Training, Domestic Art or Science, and Successful Teaching Experience may be credited as electives, one-half unit or one unit each, according to the grade and amount of work done.

MUSIC.—One or two units. See Music Department.

CONDITIONED STUDENTS.

Students who are conditioned on entrance work will take studies in the Academy to remove such conditions, but may also take such studies in the Freshman year of the College as time and previous work will admit. However, if a student who has the required English, Mathematics and Latin thinks he has a good reason why he should leave some conditioned work behind for a time he may take the question up with the Dean, but in no case may the conditioned work be left later than the Junior year of his College course.

ADMISSION TO SPECIAL STUDENTS.

Students who desire to pursue special lines of work, and who do not intend to become candidates for graduation, will be admitted to the Academy, College of Liberal Arts, or Theological course on the following conditions:

1. The regular entrance requirements must be satisfied. But applicants who are not less than twenty-one years of age, after obtaining credit for elementary or "grade" work, and for such other subjects as may be necessary to qualify them for the classes they wish to enter, may, on the presentation of satisfactory rea-

sons be admitted by the action of the Committee on Standing and Graduation to any class in these departments; provided, that if any student who has been admitted on these conditions afterwards becomes a candidate for a degree, he shall take the omitted examination at least one academic year before the degree is conferred.

2. Before entering the College, students desiring to pursue special work are required to lay before the said committee for approval or modification, a written statement of the end they have in view, the studies proposed for the attainment of that end and the probable period of attendance. Such students will be held as strictly to their accepted schemes of work as are the regular undergraduates to their courses of study.

3. Permission to enter as special undergraduates will be refused to all who fail to give satisfactory evidence of definiteness of purpose, and will be withdrawn whenever the conditions on which it was granted cease to exist.

4. All students whose English shows a marked deficiency will be required to take such courses in English as seem best suited to the student's need.

COURSE OF STUDY.

Union College has been running for a time as an A Grade Academy, but the College Courses proper will now be added a year at a time beginning this year, 1916-17. We write up two years work, or that of a Junior College. However, we expect to add the other two years before our students get to them. When the full four years of College work is written up the courses will be grouped so as to give major work in Classics, Science, Philosophy, and Literature. Even the College Freshman should choose his foreign language in keeping with his future major. The Faculty is always ready to help in matters of this kind.

GRADUATION AND DEGREES.

The College Courses leading to the Bachelor's De-

gree are based upon four years work of 16 hours a week throughout. Certain requirements of all students as to amount of English, Mathematics, Foreign Language, Science and Philosophy will be stated in due time. The first two years presented in this number largely cover those points. The full requirements for major work will be presented with the Junior and Senior years.

ELECTIVE WORK.

Every subject in any regular course will be taught as scheduled, however few demands there may be in that course for that subject; but all electives, either as required work in some other course or as required work in no regular course, must have at least five students before the formation of such a class will be obligatory upon the institution. But if deemed expedient by the President and Professor in charge of the course, a class may be formed for any number whatsoever.

Any course in the regular College courses may be elected by students in whose regular course it does not appear, but credit will not be given on a new language for less than twelve hours.

Students who present for entrance, work that is required in the College will have the privilege of electing that much more of their College Course.

ADVANCED STANDING.

Advanced standing will be given students who present work done at other institutions of like grade. Work done at institutions on the Semester plan will be accredited at proper ratio. No student should expect to receive full credit for work done at institutions not having equal entrance requirements. Enough to satisfy the entrance requirements will be deducted and the remainder will be accredited.

CURRICULUM.

College.

FALL TERM	WINTER TERM	SPRING TERM
English V. (3)	English V. (3)	English V. (3)
Mathematics V. (4)	Mathematics V. (4)	Mathematics V. (4)
Foreign Lang'ge (4)	Foreign Lang'ge (4)	Foreign Lang'ge (4)
*Science (4)	*Science (4)	*Science (4)
Bible (1)	Bible (1)	Bible (1)

Sophomore.

English VI. (4)	English VI. (4)	English VI. (4)
Foreign Lang'ge (4)	Foreign Lang'ge (4)	Foreign Lang'ge (4)
Bible (1)	Bible (1)	Bible (1)
**Electives (7)	**Electives (7)	**Electives (7)

*If there is a good reason for a student's taking two foreign languages in the Freshman year the Science may be postoned until the Sophomore year.

**When the major subject has been chosen, and that should be done at the beginning of the Sophomore year, the electives in the Sophomore year will doubtless be reduced by the major requirements.

ACADEMY.

Purpose.

The Academy is designed to prepare students for colleges or technical schools; to give elective work to theological students pursuing certificate courses; to give advanced work to grade teachers, and to broaden the education of those taking up business and home life.

Scope of Instruction.

The Academic course is four years in length and covers a regular High School course. It is taught by the College teachers in the same class room and with the same facilities as the College courses. The course is uniform for the first two years.

The electives make it possible for a student to choose his course in part and to prepare for a classical, scientific or vocational life as he sees fit.

Our Academy is in Class A of the accredited list

of secondary schools of the Association of Kentucky Colleges. This means that our graduates receive full Freshman rank, without examination, at any College belonging to this Association. Sixteen units are required for graduation.

Entrance.

Those finishing the Grammar School and those presenting a Common School Diploma, or a certificate of promotion from a good Graded School or High School, or a teacher's license will be admitted to the Academy without examination. A statement from the principal of a private school may or may not be accepted. Those who have completed the grade work except a few branches may take enough in the Academy to make a full course, provided they are prepared to take the Academic work. Other applicants will be subject to examination in the Common School branches.

Students will be kept, as nearly as possible, regular in the course.

Advanced Standing.

Advanced standing will be given students presenting credits from good secondary schools and to students passing examinations on work done for which credits are not presented.

Graduation.

An Academic Diploma will be granted students completing the Academic course. Students completing the course except one subject for one year or equivalent will be graduated with their class on one of two conditions as follows:

1. To receive the diploma with the condition written on it.

2. To return and finish the subject the Freshman Collegiate year and receive the diploma when the work is finished.

ACADEMY CURRICULUM.

Freshman.

FALL TERM		WINTER TERM		SPRING TERM	
English I.	(5)	English I.	(5)	English I.	(5)
Latin I.	(5)	Latin I.	(5)	Latin I.	(5)
Science I.	(4)	Science I.	(4)	Science I.	(4)
Mathematics I.	(5)	Mathematics I.	(5)	Mathematics I.	(5)
Bible	(1)	Bible	(1)	Bible	(1)

Sophomore.

English II.	(4)	English II.	(4)	English II.	(4)
Latin II.	(5)	Latin II.	(5)	Latin II.	(5)
Mathemat's II.	(5)	Mathemat's II.	(5)	Mathemat's II.	(5)
History I.	(5)	History I.	(5)	History I.	(5)
Bible	(1)	Bible	(1)	Bible	(1)

Junior.

English III.	(4)	English III.	(4)	English III.	(4)
Lat. III or Ger. I	(5)	Lat. III or Ger. I	(5)	Lat. III or Ger. I	(5)
Mathemat's III.	(5)	Mathemat's III.	(5)	Mathemat's III.	(5)
Bible	(1)	Bible	(1)	Bible	(1)
*Elective	(5)	*Elective	(5)	*Elective	(5)

Senior.

English IV.	(4)	English IV.	(4)	English IV.	(4)
Lat. IV or Ger. II	(5)	Lat. IV or Ger. II	(5)	Lat. IV or Ger. II	(5)
Science III.	(5)	Science III.	(5)	Science III.	(5)
Bible	(1)	Bible	(1)	Bible	(1)
**Elective	(5)	**Elective	(5)	**Elective	(5)

*On unit chosen from Latin III, German I., History II, Physiology, Music or Expression.

**One unit chosen from Latin IV, German II, History II, Economics and Psychology, Physiology, Music or Expression. In electing a special like Music or Expression, tuition is extra.

THEOLOGICAL DEPARTMENT.

Purpose.

This is not supposed to be a theological seminary course, but it is offered as a training which will meet the needs of the man or woman who wants some help in Christian work before going to a theological seminary. Also, there are thousands of efficient workers who cannot and who never hope to get a complete College training. Again, a course in a System of Chris-

tian Doctrine is as valuable as a mind and character builder as almost any college course one could take.

The Theological Course as a whole is designed for a certain class of mature people who feel that they are called to special Christian work, but do not have time to take up the mathematics and foreign languages of a regular High School Course.

Admission.

This course is open to a certain class of mature people who have finished at least the Common School and who have a purpose to do special Christian work.

Scope.

The work in this course is chosen for its adaptability to immediate and practical use, and covers three years. Those finishing this work will be graduated with a certificate for the course.

THEOLOGICAL COURSE.

First Year.

FALL TERM		WINTER TERM		SPRING TERM	
English I.	(5)	English I.	(5)	English I.	(5)
Science I.	(4)	Science I.	(4)	Science I.	(4)
History I.	(5)	History I.	(5)	History I.	(5)
Theology I.	(3)	Theology I.	(3)	Theology I.	(3)
Bible	(1) or (2)	Bible	(1) or (2)	Bible	(1) or (2)

Second Year.

English II.	(4)	English II.	(4)	English II.	(4)
English III.	(4)	English III.	(4)	English III.	(4)
History II.	(5)	History II.	(5)	History II.	(5)
Theology II.	(2)	Theology II.	(2)	Theology II.	(2)
Expression	(2)	Expression	(2)	Expression	(2)
Bible	(1) or (2)	Bible	(1) or (2)	Bible	(1) or (2)

Senior Year.

English IV.	(4)	English IV.	(4)	English IV.	(4)
Economics I.	(5)	Economics I.	(5)	Economics I.	(5)
Theology III.	(4)	Theology III.	(4)	Theology III.	(4)
Expression	(2)	Expression	(2)	Expression	(2)
Bible	(1) or (2)	Bible	(1) or (2)	Bible	(1) or (2)

ENGLISH.

The aim of this department is to give the student

such thorough instruction in the writing of English as will make his language the instrument for the easy, idiomatic, and energetic expression of his thought; to train him, both by theory and by practice, for natural and effective public address; to acquaint him with the essential facts in the development of the English language and literature, and with the great authors who have created that literature; and, finally, to render him sensitive to the literary and aesthetic value of life. Vigorous and painstaking habits of scholarship are constantly inculcated; but the student is never allowed to forget that literature is vital—that it draws its subject-matter and its inspiration from life, and in turn transmutes the crude and imperfect forms of life into beauty and character.

ACADEMY.

ENGLISH I. a—Grammar. A general review of English Grammar with special attention to infinitives, participles, relatives and sentence structure. Sufficient parsing, diagraming, and analysis will be given to familiarize the student with these phases of grammar.

The work is of a high class and is designed to give a thorough foundation for the courses which follow:

Fall Term—Five Hours a Week.

ENGLISH I. b—Composition. In this course Brook's English Composition Book I is begun and continued as far as Correctness page 110. Oral compositions are required in the beginning and as the student becomes accustomed to expressing his own thought orally, the more difficult written composition is required.

The text is recited very little but is used as a basis for discussion between teacher and student. The student's mastery of the principles is judged by his ability to use them in his compositions.

Winter and Spring Terms—Three Hours a Week.

ENGLISH I. c—Literature. Study of the College Entrance Requirements in English as fixed by the National Educational Association is begun. The purpose of the study of the classics in this academy is first of all to instill a love of good literature and to give the student discriminating taste. Due attention is given to the author's life and literary work. Some memory work of gems of thought is required from time to time. Debates, moderni-

zations, book reviews, themes, etc., in connection with this course are required at the discretion of the instructor in charge. Reading of **Sketch Book, Pilgrim's Progress,** and **Ancient Mariner.**

Winter and Spring Terms—Two Hours a Week.

ENGLISH II. a—Continuance of Brook's English Composition, Book I, beginning with Correctness, page 110. Careful study of punctuation and figures of speech. Introduction to the study of description, exposition and argument. Careful study of letter writing. Introduction to study of versification. Some study of spelling, and exercises in the use of the dictionary.

Fall, Winter and Spring Terms—Two Hours a Week.

ENGLISH II. b—Continued study of entrance requirements. Study of "As You Like It," "Marmion," and "David Copperfield."

Fall, Winter and Spring Terms—Two Hours a Week.

ENGLISH III. a—Brook's English Composition, Book II to page 198. Intensive study of Narration, Description and Exposition.

Fall, Winter, and Spring Terms—Two Hours a Week.

ENGLISH III. b—Literature. Continued study of entrance requirements. Selections from American Poetry, "Ruskin's," "Sesame" and "Lillies" and "Macbeth."

Fall, Winter and Spring Terms—Two Hours a Week.

ENGLSH IV. a—Study of Brook's Composition Book II concluded—pages 198-313. Intensive study of argument. Introduction to Parliamentary law. Debates and parliamentary drills required. Study of poetic forms.

Fall, Winter, and Spring Terms—Two Hours a Week.

ENGLISH IV. b—Literature.—Study of entrance requirements completed. Careful study of the forms, structure, and subject matter of "Hamlet." Selections from "Tennyson's Idylls," Emerson's "Esay on Manners," Washinton's "Farewell Address," and Webster's "First Bunker Hill Oration."

Fall, Winter and Spring Terms—Two Hours a Week.

COLLEGE.

ENGLISH V.—Composition. The chief purpose of this course is to train the student in the use of easy, idiomatic English. It is believed that successful instruction in Rhetoric depends not so much upon precept as example and practice; so the student is encouraged to write freely upon subjects that appeal to him, and that spring naturally from

the interests and activities of his daily life. The instructor corrects each paper in detail, and makes appointments with each student for private consultation as he sees fit. The instruction is made extremely flexible, and freshness and variety of methods are constantly sought. Required of all Freshman.

Three hours a week throughout the year.

ENGLISH VI.—Literature.....This course is fundamental to English literature studies and gives a general scope with specific interests in the characteristic and best of all periods. Assigned reading, lectures, class discussion and note books. Texts—Long's English Literature; and Manley's "English Prose," and "English Poetry."

Four hours throughout the year.

MATHEMATICS.

Academy.

MATHEMATICS I.—Algebra. This course includes factoring, common divisors and multiplies, fractions, simple equations, of one or more quantities, involution, evolution, theory of exponents, radicals and equations involving radicals. Text Wentworth and Smith.

Five hours throughout the year.

MATHEMATICS II.—Plane Geometry. Much attention is given to the solution of original problems, in order to train the student in logical habits of thinking, and to discourage the memorizing of propositions. Text—Wentworth and Smith.

Five Hours throughout the Year.

MATHEMATICS III.—Solid Geometry. The practical applications of principles learned is emphasized in this branch of mathematics as well as in the others. Thorough drill is continued. Text—Wentworth and Smith.

Five Hours, Fall Term.

MATHEMATICS IV.—Algebra. A review of previous work and a thorough study of radicals, quadratic equations with one or two unknown quantities, ratio and proportion, progressions and binomial theormen. Text—Wentworth.

Five Hours, Winter and Spring Terms. College

MATHEMATICS V.—Plane and Spherical Trigonometry. An atempt is made to lay the foundation for further successful mathematical study. An introductory account of the theory of logarithims and prelimnary practice of the use of logarithimic tables will be followed by a study of the theory of trigonometric functions and by application

of the theory to the solution of the right and oblique plane triangle and of right and oblique spherical triangles, Text, Wentworth and Smith Sperical Trigonometry.
Four hours first half year.

MATHEMATICS VI.—Algebra This course presupposes a thorough knowledge of elementary algebra. Chief topics—progressions, logarithms, variables and limits, permutations and combinations, determinants, general properties of equations, and complex numbers. Text—Wentworth's College Algebra.

Four hours secohd nall year.

LATIN.

ACADEMY.

LATIN I.—The Roman pronunciation is taught, and special care is taken from the first lesson to have every word properly accented. Derivations and review of declensions and conjugations up to the place reached is a special feature of recitation from time to time. The more common rules of syntax are mastered and sentence structure is studied in connection with translation of English into Latin.

Five hours a week throughout the year.

LATIN II.—Caesar's Gallic Wars are studied with due emphasis placed upon pronunciation, syntax, sentence structure, indirect discourse, and the history of wars and the Gallic people. A literal translation is first given, then a free translation. The military tactics and the formation of the armies of both the Romans and their Gallic and British foes, and especially their customs are topics of continued interest. Pearson's Latin Composition once a week, and the first four books of Caesar completed.

Five hours a week throughout the year.

LATIN III.—The four orations against Catiline, Poet Archias, and one other of Cicero's short orations. The literary value is brought out as well as the translations and constructions. Pearson's Latin Composition.

Five hours a week throughout the year.

LATIN IV.—Virgil's Aeneid, Books I.-IV. are read for the translation, story, mythology, scansion, and literary merit.

Five hours a week throughout the year.

College.

LATIN V. a—Cicero's De Senectute and De Amacitia. Prose Composition.

Four Hours, Fall Term.

LATIN V. b—Livy, Books XXI and XXII.
Four Hours, Winter Term.

LATIN V. c.—Tacitus' Germania and Agricola.
Four Hours a week, Spring Term.

LATIN IV. a.—Horace's Odes and Epodes.
Fall Term, Three Hours a Week.

LATIN VI. b.—Terence, selected plays.
Winter Term, Three Hours a Week.

LATIN VI. c.—Juvenal's Satires.
Spring Term, Three Hours a Week.

GREEK.

Since but few secondary schools teach Greek it is regarded impractical to require it for entrance, even to the Classical Course. Hence the study of Greek is begun in the College Course.

GREEK I.—White's first Greek Book is the text used. Pronunciation and accent are carefully taught from the first. Inflections derivations, sentence structure, accurate tranlsation of both Greek and English, conditional sentences, indirect discourse, and the more common rules of suntax.

Xenaphon's Anabasis. Book I, is read with view to getting story, customs, military tactics, formation of armies, literal and free translations, drill in syntax and sentence structure. Pearson's Greek Prose Composition once a week.

Four hours a Week Throughout the Year.

GREEK II.—Xenophon's Anabasis, Book II.-IV. Pearson's Greek Prose Composition once a week. Course pursued as Greek I. Homer's Illiad, Books I.-III. are read with stress on versification, mythology, Homeric form, and literary merit among epics.

Four hours a Week Throughout the Year.

GERMAN.

Academy.

GERMAN I. a.—This course embraces a thorough study of pronunciation, forms, and all the elements of German Grammar; the accurate reading of easy prose without translation; and some proficiency in writing and speaking German. German script is used from the beginning. Frequent sight-reading and memory work; also the singing of some of the national and popular hymns in German. Text, Kayser and Montesser's Foundations of German,

"Herein," "Immense," and similar classics. Thomas's German Grammar started.

Five hours throughout the year.

GERMAN II. a.—More difficult classics are taken up including the reading of Goethe's "Hermann and Dorothea." and Schiller's Wilhelm Tell. Wesselhoeft's German Composition and Thomas's German Grammar.

Five hours throughout the year.

College.

GERMAN I. b.—This course is designed for College students who did not offer German for entrance. It embraces a thorough grounding in the fundamentals of German Grammar and the reading of easy prose.

Four hours throughout the year.

GERMAN II. b.—This is an intermediate course for students who present only one unit in German or those who still lack ability to read moderate prose readily and who need the same grade of prose composition or further grounding in grammar.

Four hours throughout the year.

GERMAN III.—This is largely a reading course embracing some of the classics of Schiller, Lessing, Goethe, and others. Some time is given to Jagemann's Prose Composition.

FRENCH.

College.

FRENCH I.—Fraser and Squair's Grammar with copious exercises in composition, drill in pronunciation, and the reading of easy prose. In this course it is proposed to give the student the essentials of grammar and the ability to read prose readily.

Four hours throughout the year.

FRENCH II.—The French Grammar is completed and more advance composition is studied. The reading of numerous prose authors of the nineteenth century such as George Sand, Balzac, Daudet, Zola, Bourget, Merimee, and Dumas.

Three hours throughout the year.

NATURAL SCIENCE.

Academy.

SCIENCE I. a.—General Science.—This course aims to furnish an introduction to the scientific study of the ele-

mentary sciences. The topics considered are those of general signifinance, as AIR—characteristics, temperature changes and seasons, humidity, structure and composition. WATER—different states, pressure, commercial relations, supply, etc. WORK and ENERGY—Earth Crust—natural forces, physical structure of soil, irrigation, erosion. LIFE UPON EARTH—plant life, food supply. Simple experiments worked by the student. Text, Caldwell and Eikenberry.

Four hours, fall term.

SCIENCE I. b.—Botany.—The study of plants as living organisms with special regard to functions, structure and relation to enviroment. A careful study of the entire plant is made in the laboratory including microscopic work. Each student is required to collect, press and neatly mount twenty-five flowers. Text, Coulters Plant Life and Plant Uses and Hughes Practical Experiments.

Four hours, winter and spring term.

SCIENCE II.—Physiology.—This is a course in human physiology, personal hygiene, and public sanitation. Practical matters of health and prevention of diseases have an important place in this course. An effort is made to impress the student with the necessity of hygienic living. Our excellent laboratory equipment in this branch adds to the interest and value of the subject. Text, Blaisdell's Life and Health. Supplementary reading in Pyle's Personal Hygiene and Tolman's Hygiene for the Worker is required.

Five hours, fall term.

SCIENCE III.—Elementary Physics.—This course extends throughout the year. Class work three hours and laboratory work four hours per week. Students are required to perform forty experiments which are submitted to the instructor for criticism. A study is made of mechanics, work, heat, magnetism, static electricity, sound and light. Text, Millikan and Gale, and Manual.

Five hours throughout the year.

College.

SCIENCE IV. General Physics.—This course is planned for those who have not had the elementary physics. It is accompanied by systematic laboratory experiments. Required of all candidates who do not offer one unit of physics for entrance. Practical and theoritical courses in mechanics, heat, magnetism, electricity, sound and light.

Four hours throughout the year.

SCIENCE V.—General Inorganic Chemistry.—This

course includes lectures, recitation and laboratory work. The metals and metalloids together with their more important compounds are studied. The metals or base forming elements are given special attention. In the laboratory the student becomes familiar with apparatus and methods of work. More elaborate experiments to illustrate lectures are performed by the instructor. Two hours in class and four in laboratory weekly to count as four hour course. Qualitative analysis in spring term.

Four hours throughout the year.

SCIENCE IV.—General Zoology.—Types of the main groups of animals are studied with regard to structure, development, and relation to enviroment. Laboratory work will be on animals selected from the following list: Amoeba, paramoecium, vorticella, stentor, sponge, hydra, hydroids, planarians, thread worms, earth worms, nereis, leech, starfish, sea-urchin, snail, clam, squid, crawfish, centipede, grasshopper, beetle and frog. Lectures and collateral reading. Two two-hour laboratory periods a week.

Four hours throughout the year.

HISTORY.

Academy.

HISTORY I—A general survey of the rise and fall of nations, invasions, and contributions to civilization, with a special study of Grecian and Roman History. The subject is pursued in a comparative way and written work on important topics is required from time to time. Some good text in Ancient History will be used with collateral reading.

Five hours a week—Fall, Winter and Spring Terms.

HISTORY II.—European History from the fall of Rome to the present. Special emphasis is given to the study of the Dark Ages as a background for modern civilization. The Reformation is studied carefully in the light of contemporary inventions, philosophy and literature. The important steps in the development of constitutional government. A text book in Mediaeval and Modern History with collateral reading and special references. Written themes and map work.

Five hours a week—Fall, Winter and Spring Terms.

ECONOMICS AND PSYCHOLOGY.

Academy and Normal.

It is deemed valuable that every man and woman

have a course in Economics and Psychology. We offer these to Academy seniors, Theological students, advanced Normal students and to certain College students who may need these courses.

ECONOMICS I.—This course is designed to give students an introduction to the practical economic problems of our busy day. Laughlin's Political Economy is used as a basis for recitation and discussion.
Five hours—Fall term.

PSYCHOLOGY I.—This course is introductory, but fundamental, practical and thorough. Text book, Lectures and Discussions. The course will be adapted to practical and professional life. With special emphasis upon education and teaching.
Five hours a week—Winter and Spring Terms.

BIBLE AND THEOLOGY.

A fair knowledge of the Bible is expected of every citizen of a Christian nation; but it is humiliating to see how little is known of this the greatest of books by the average man. A skeptical professor in one of the great American universities after having failed to get an intelligible answer on some point of simple Biblical history indignantly remarked that any man who did not wish to be regarded as a fool should have a fair knowledge of the Bible. It is fundamental to strong Christian character, and church schools should certainly give every student some good courses.

The work in Theology is designed especially for ministerial students but any student will find these courses of real benefit in a general as well as in a specific way. The grounding of belief is a great and steadying asset in living a consistent and forceful life.

BIBLE I.—Old Testament History.—This course gives a general knowledge of the geography and history of the Hebrew people, embracing the forms of government, the economic, social, moral and religious developments. The Bible is read for its own story together with a good text on Old Testament History. Designed for Academy students first and second years.
One hour.

BIBLE II.—New Testament History.—This course deals with the early history of the Christian Church and its ideals and work as recorded in the synoptic Gospels and The Acts. A general text is used as an organizing basis. Designed for Academy students, third and fourth years.
One hour.

BIBLE III.—Old Testament Prophets.—Their times, the needs of the people, their spirit, and their message. Designed for College students only.
One hour throughout the year.

BIBLE IV.—Pauline Epistles.—The social, devotional, ecclesiastical, philosophic and doctrinal problems of the early Christian church. Paul's Epistles largely constitute the matter for study. Open to College students only.
One hour throughout the year.

THEOLOGY I.—This is an introductory course for students who have had but little training in Bible study and practical experience. The course starts with Binny's Compend of Doctrine and is followed by some of the standards, usch as Wesley's Christian Perfection, Walker's Philosophy of the Plan of Salvation.
Three hours a week throughout the year.

THEOLOGY II.—Homiletics.—This course is practical but will be made as literary as possible. A careful study of sermonizing, making of outlines, writing of briefs and sermons. Lectures by the instructor and some good text, such as Broaddus, Kern or Pattison.
Two hours a week throughout the year.

THEOLOGY III—The first part of the course will be careful study of Theism as a fundamental to Christian philosophy. When the fundamental is well established the course will proceed to build up a well constructed system of Christian Doctrine. The basis for this course will be Sheldon's System of Christian Doctrine, with lectures and discussions.
Four hours a week throughout the year.

NORMAL SCHOOL.

Professor Dan M. Humfleet, Principal.

This department is devoted to the education of young men and women who desire to teach in the public schools of our country.

More than 80 per cent of the students of this department, who took the county examination this year,

made certificates. This unusual record is sufficient evidence of the fact that Union College Normal stands second to none as a school in which to prepare for examinations.

Three course are offered:

(1) County Certificate Course,
(2) State Certificate Course,
(3) High School Course for Teachers.

SCHEDULE OF STUDY FOR COUNTY CERTIFICATES.

Arithmetic, Grammar, Composition, Rhetoris, Geography, Kentucky History, United States History, Physiology, Reading, Writing, Spelling, Civics, Methods, Theory and Practice.

SCHEDULE OF STUDIES FOR STATE CERTIFICATES.

English and American Literature, Algebra, Higher Arithmetic, Psychology, Pedagogy, and a review of the common branches.

THE HIGH SCHOOL COURSE FOR TEACHERS.

This is arranged for the convenience of those who wish to teach in the rural schools and do high school work during the winter and spring terms. By hard study it is possible for teachers to do more than the usual amount of work. This is a very popular course and we expect to enroll a large class this year.

All schools and Colleges give full credit for our work.

THE COUNTY CERTIFICATE COURSE.

This course prepares teachers for the public schools of the State. Time required to prepare for properly passing the county examination is from one year to five months according to the previous preparation of the individual. An opportunity will be given teachers to review all the common school branches during the winter and spring terms.

The State adopted text books will be used as a basis of all work. They will be supplemented by the very best and most up to date books to be found.

THE STATE CERTIFICATE COURSE.

Those desiring to prepare for the State examination will find this course exactly suited to their needs. In addition to the review of the common school branches, there will be classes in Algebra and Literature for the benefit of the teachers who have the legal qualifications of age (21 years), and experience (two years) and who hold first class county certificates, or who are otherwise qualified to do the work. Time required, one year.

ABOUT THE BRANCHES TAUGHT.

ARITHMETIC.—The aim of this class is to thoroughly master the subject. All good text books on this branch will be used. The work will be made as practical as possible.

GRAMMAR.—The Mother Tongue Book II will be the work done in this class. Such other texts will be used as are needed to make the work thorough and complete. Special attention given to the knotty problems and difficulties of the language.

RHETORIC.—The work in Rhetoric consists of practical training, composition writing, investigating subjects, outlining themes, writing and criticizing essays on live practical subjects.

A full and complete review of the figures of speech, and a thorough drill on definitions also given. But the student is trained to write by writing.

PENMANSHIP.—In this class all normal students have the advantage of an expert business Penmanship teacher without extra cost. This class will be conducted by a teacher who has taught penmanship in a Business School for a number of years.

If you are not a good penman take advantage of this opportunity to become efficient. Nothing helps out in passing a good examination so much as a neat, well written manuscript. A number of applicants fail on examination because of poor writing and "botched up" papers, who would otherwise make good.

METHODS.—This is another new feature of the Normal School of Union College. Arrangements have been made by which the students of this department will have the advantage of observing work done in the Model Primary School by some of the most skilful teachers in the country. Their work meets the approval of the greatest educators of the age. To have the advantage of studying, and observing their work with a "Model Class" of Primary students will be a rare treat.

THEORY AND PRACTICE.—As will be readily seen, the examinations in this subject are almost identical with the State Course of Study. Recognizing this fact, and also the need of a good systematic course, we have decided to make the Course of Study a regular text from the very outset. We will also devote sufficient time to the study of the leading educational reformers and their ideas, as well as the mind. Two periods each week will be given this class.

READING.—Applicants for county certificates very often find it necessary to have considerable knowledge of Literature. It is our purpose in this class, not to teach to read, but to familiarize the student with the most popular authors and their leading works. "Who wrote this?" is a very common question. Not being able to answer it sometimes causes failure in examination.

AGRICULTURE.—Experiment has been added for text book and experimental work in Agriculture Classes will be organized for those who wish to prepare to teach this subject.

HISTORY.—A complete outline of the different epochs in United States History will be given, beginning with the Period of Discovery, and continuing throughout the entire subject. The "Chain" system as suggested in the Course of Study will be followed closely. Due consideration will be given the History of Kentucky.

SPELLING.—We have one of the best classes in spelling to be found anywhere. Text used—"Common Words Commonly Misspelled." Spelling is largely a memory subject which requires hard study and much drill.

CIVIL GOVERNMENT, PHYSIOLOGY & GEOGRAPHY—will receive their full share of attention. The work being done by the latest and most approved methods as advocated and practiced by the leading educators.

REVIEWS AND DRILLS in all subjects will be very frequent and thorough. Nothing will be left undone that is considered necessary in preparing to pass the examina-

tion, and having passed to become capable and successful teachers.

GRAMMAR SCHOOL.

W. S. Edwards.

The Grammar School is designed for two purposes. It fills out the space between the Model Primary School and the Academy by offering first class work in the seventh and eighth grades, and graduates its students with a diploma and promotion certificate to the Academy. The other purpose is to give an opportunity to older men and women to finish Common School work in the quickest way possible. Many boys and girls dropped out of school before finishing the Common School. Later they have felt the need of taking it up and getting ready to go to High School, Academy or College. Or it may be to teach or get preachers license, or enter a medical or dental college. In this room this earnest class of students are allowed to take all the work they can do. Many of them do two grades in one year. They are made to feel at home.

It is not uncommon to have students thirty years old or more. They mean business and we love to look after them.

Seventh Grade.

Grammar.—Technical study of sentences is begun. Phrases and clauses are studied. Words are parsed. Drill is given in the use of tenses. The conjugation of the verb is begun.

READING.—This comprises appreciative reading of such selections as: Browning's "How They Brought the Good News from Ghent to Aix;" Cooper's "The Spy," and Dickens' "Christmas Stories."

LANGUAGE.—Students are required to write descriptions, narrations, characterizations, expositions and personal letters based upon their reading and experience. The work is correlated with both the reading and the grammar.

ARITHMETIC.—Interest is studied, including commercial paper and compound interest as applied to saving's bank accounts. Drill is given in the operations of depositing money, drawing checks and figuring interest. Ratio,

simple proportion, powers and roots, are studied. Mensuration is reviewed and careful drill is given including measurement of contents of such solids as sphere, pyramid and cone. Agricultural problems are solved.

HISTORY.—Kentucky History occupies first half of year. American History is taken the second half, going through the Revolutionary period. Collateral reading is required. History is correlated with geographical studies.

Physiology.—More advanced text book than in the sixth grade with the emphasis still placed on hygiene. More detailed study is given to foods, the nervous system and the special senses.

GEOGRAPHY.—A more advanced text is used. Special reference is given to the political divisions of the continents and to racial characteristics as influenced by natural causes.

Eighth Grade.

GRAMMAR.—Analysis and synthesis of sentences are studied. Verbs are studied with reference to class, inflection and syntax. The conjugation of the verb is completed. The whole subject is systematically reviewed.

Reading.—The appreciative reading of such selections as Hale's "The Man Without a Country," Longfellow's "The Skeleton in Armoe," and Lowell's "Under the Willows." The work should comprise the reading of about three prose selections of the length of the "Man Without a Country," and one poetic selection similar in length to Scott's "Lady of the Lake," or about six shorter poems of the length indicated above.

LANGUAGE.—Composition work is continued. Descriptions and arguments from selected portions of the classics read are analyzed. Drill is given on correct oral and written forms. Special attention is given to the writing of business letters.

ARITHMETIC.—Drill is given in rapid calculation. Practice is given in interest computation, using short methods. Simple algebra formulas are introduced. Practical problems suited to the various courses of study pursued by the students are solved.

HISTORY.—American History is completed, and the whole subject is reviewed. Collateral reading is continued.

AGRICULTURE.—This is a text book course with a number of demonstrations and a few simple individual experiments, such as testing seed corn, soil porosity, etc. Practical observations in the field are made. One-half year, beginning after Christmas.

GEOGRAPHY.—This is a study in Commercial Geography, runing one-half year. It comprises studies of a areas of production, agriculture and mineral resources, trade routes, and movements of civilization, showing how these are based on geographical conditions.

Both Grades.

PENMANSHIP.—Students are graded on the penmanship of all written exercises. Drill work is given in writing from dictation.

SPELLING.—All written work is graded in spelling. The recitation work follows the speller adopted by the State Board.

BIBLE.—Regular work adapted to the students.

THE MODEL PRIMARY SCHOOL.

Misses David and Ligon.

We have two good reasons for conducting this school. There are a number of citizens in Barbourville and viicnity who want a private school where the number is so limited as to give the teacher a fair chance to do the best possible by the children. The number is so limited in this school.

The teachers are the best we can find and their work has been approved by the patrons.

The second purpose of the Model School is to offer normal students the opportunity of observing some expert teaching in these grades. The work is carefully graded and the most modern and successful methods used.

PRIMARY DEPARTMENT.

Mary E. Davis.

First Grade.

READING.—By means of pictures the children are given a large vocabulary of sight words. The word, sentence and action method combined soon gives them the ability to read script. Blackboard reading is used together for the first few months; then the Primer is introduced. The phonic sound of the letters are taught to assist the children in making out new words for themselves.

WRITING.—The Montessori method is used. By means of sandpaper letters the muscles are trained so that the

child can write before he holds a pencil. All the small and capital letters are taught.

SPELLING.—Words are learned first only as wholes. Toward the end of the first year the names of the letters are learned and formal spelling is begun.

.....**NUMBERING.**—Counting to 100 and the combinations up to 20 are learned. The sandpaper figures teach the correct formation. Simple problems in addition and subtraction are given.

LANGUAGE.—The children are taught to express themselves freely in complete sentences. The common grammatical mistakes receive special attention. Simple work in dictation and composition is begun near the end of the first year. Poems are learned and rhymes and stories dramatized.

Second Grade.

READING.—Second and supplementary readers are used. Special effort is made to teach the children to read naturally as they talk.

SPELLING.—The formal spelling of the first grade is continued. Words suited to the mental grasp of the children are selected from the State Spelling Book, and the children learn to pronounce, spell, and use them in sentences.

NUMBERING.—Counting and writing figures to 1000. The combinations of addition and subtraction are thoroughly taught, and more elaborate work is done in both lines.

LANGUAGE.—The oral work of the previous grade is continued and enlarged. More elaborate work in composition is done. The marks of punctuation and forms of sentences are learned and used frequently. Good poetry is studied and stories dramatized.

Third Grade.

READING.—Third and supplementary readers are used, special attention being paid to expression.

SPELLING.—The work of the second grade is reviewed. The multiplication table through the sixes are learned and simple multiplication and division taught. Counting and writing figures to 1,000,000. Reading and writing in dollars and cents. Measuring with a foot rule; the value of an inch, foot and yard.

LANGUAGE.—Work of the second grade is continued. During the oral work talks are given on nature study, physiology, morals, etc. Original composition work and letter writing are given special attention. Stories drama-

tized by the children are "acted out" to give them freedom of expression and movement. Poems are learned and simple poems written.

GEOGRAPHY.—The forms of land are learned, built in the sand table and traced out of doors. The forms of water are taught, and when possible, worked out by the children. A daily record of the weather is kept and changing conditions due to the seasons are noted. In connection with this subject the lives of some of the great explorers are studied.

HISTORY.—Beginning with the life of the primitive cave man the children work out the conditions of the age and rediscover fire, reinvent weapons, and the primitive art. This leads up to the life of the shepherd people, then to the agriculturist, then to the merchants, then to community life and so on to our present condition.

All Grades.

BIBLE STUDY.—Verses suited to the various grades are committed to memory. A short chapel service is held every morning.

STORY TELLING.—Twice a week stories are told to the children. In this way they become familiar with the world's best literature. They are encouraged to reproduce these in all possible ways.

GAMES AND GYMNASTICS.—Five minutes, twice a day are given to gymnastics, games and exercises, to give the children muscular control and ability to follow directions rapidly.

DRAWING.—The children are encouraged to express themselves freely in this way. In the second and third grades the Arts and Crafts course is used.

HANDIWORK.—Folding, cutting, tearing, pasting, weaving, painting, crayoning, and cardboard construction are used through the grades to give finer co-ordination of the muscles and teach the children the use of their hands. By these occupations they prepare most of the materials for supplementary work, make tows, and decorate the room.

MUSIC.—Once a week the children have a vocal lesson with the College music teacher. Each morning they have songs at their opening exercises.

INTERMEDIATE DEPARTMENT.

Mary E. Ligon.

READING.—Fourth Reader and grade library books. Silent reading is practiced. Phonic exercises and drills are given.

LANGUAGE.—Oral and written reproductions of descriptions. Paragraphing and letter forms are taught. Simple rules of good usage are formulated. Drill is given on correct use of capitals, punctuation, etc.

SPELLING.—Words from the daily lesson and from the spelling bok.

ARITHMETIC.—Roman numerals, 1 to C, and by hundreds to M, are taught. United States money, using "College Currency" from the Business Department, is used in practical exercises. Simple problems connected with daily life are given. Problems in bills and accounts, where one of the factors is twelve or less, are used. Simple cancellation, simple problems in fractions, and dry measure are introduced.

GEOGRAPHY.—The continents are studied in reference to position, form, size (as compared with other continents), relief, drainage, distribution of population and political divisions. Small globes are provided for individual use so that the pupil becomes familiar with the earth as a sphere.

HISTORY.—No text is used this year, but stories of important historical character are told by the teacher and read by the pupil.

HYGIENE.—The principal facts of physiology are taught from a simple text book to give background for practical lessons in hygiene.

Fifth Grade.

READING.—The Fourth Reader is continued and suitable classics are read. The children are taught the use of the dictionary and reference books. Careful attention is given to emphasis, inflection, and the tone of voice. Tennyson's "The Brook;" Holmes' "Old Ironsides;" Shakespeare's "Lullaby to Titania," are to be memorized.

LANGUAGE.—Simple compositions are written from outlines. Pictures are studied and compositions written about them. The simple declarative sentence is studied.

SPELLING.—The fourth grade work is continued.

ARITHMETIC.—Decimals, aliquot parts, square and cubic measure and avoirdupois weight are introduced. Practical exercises in buying and selling by weight, using "College Currency" and balances from the laboratory, are much enjoyed by the children of this grade.

GEOGRAPHY.—The political divisions, of the continents are studied, following in general this outline; position, form, size, relief, drainage, climate; soils, vegetation, animal life, mineral wealth, manufacturing, distribution of population and chief trade routes. The geography of Ken-

tucky is studied somewhat in detail following the above outline.

HISTORY.—A simple text on American History is studied.

HYGIENE.—The same text book is continued and simple supplementary reading on the prevention of disease is required.

Sixth Grade.

READING.—The Fifth Reader is used. The use of dictionary and library books is continued. Lowell's "The First Snowfall;" Read's "Sheridan's Ride," and Wolfe's "Burial of Sir John Moore," are to be memorized.

LANGUAGE.—Model narrations, descriptions, and expositions are studied and imitated in original work. The paragraph is studied. The rules for punctuation are reviewed.

SPELLING.—The work as of Fifth Grade is continued. Stems, prefixes, suffixes and synonyms are studied.

ARITHMETIC.—Fractions and percentage are continued. Simple interest and foreign money are taken up. Forms of bills and accounts are studied by practical work. Special emphasis is placed on problems dealing with agriculture.

GEOGRAPHY.—The subject is studied more in detail than in the land forms, with introduction to the causes that produce the land forms, wind, ocean currents, etc.

HISTORY.—A more advanced text is used and an effort is made to have the children appreciate the historical trend of events. A brief introduction to European history is given.

HYGIENE.—Models and lantern slides from the biological laboratory are used during this year. Principles of first aid to the injured are taught.

All Grades.

DRAWING.—A graded course using the Practical Drawing series is taught.

MUSIC.—Weekly lessons in sight singing are given by the voice teacher.

NATURE STUDY.—This is not taught as a separate subject, but is correlated in a practical way with reading, drawing, geography and physiology.

PENMANSHIP.—A graded series of copy books is used and the pupil is required to use care in all written exercises.

TYPEWRITING AND PENMANSHIP.

Miss Nettie Creal.

The College owns six new Remington Typewriters and will give instruction to any student desiring to learn typewriting.

The time has come that a large per cent of professional and business men feel that their time is too valuable to be taken up in writing longhand. With the use of the typewriter they save time and give a perfectly legible letter.

Save time and money by learning to use the typewriter.

Because one can use the typewriter he should not write an illegible hand. There is always more or less hand writing necessary. The College will require all students to write a legible hand. Then for the help of those who **must have** penmanship and for those who want to become good penmen this department will be kept in good order.

DEPARTMENT OF MUSIC.

The demand for more and better music increases year by year. Today, it is not only sought for in refined and cultured circles, but is demanded in all forms of church and school work. No student's education is complete without some knowledge of music.

The courses of study here prescribed are for earnest students who want to attain real excellence. Since many have in mind the profession of teaching, their needs are specially provided for.

A diploma is awarded for the completion of the course as outlined in the catalog. Each grade should take one year to finish, two periods per week. The studies named indicate the range of difficulty belonging to the several grades, but it is obvious that lists of pieces sufficient to illustrate a wide range of musical literature cannot here be given. The student must finish at least three years of Academic work before receiving the diploma in music.

Pianoforte.

Miss Rains.

First Grade.—After learning the notes, rests, etc., careful attention is given to development of finger touch and of a round and full legato. Technical studies are given for muscular development. The first three major scales and first grade pieces will be studied until the pupil is ready to enter the second grade.

Second Grade.—This consists of major scales and common chord arpeggios, hands separate, four notes to a beat, at the metronome rate of 80. Loeschhorn, Op 65, books 2 and 3; Kohler, Op. 50; Sonatinans by Kuhlan, Dussak, and others. Pierces by Haydn, Schumann, Mozart, and modern composers.

Third Grade.—Major scales, both hands together at the metronome rate of 92. Minor scales and common chord arpeggios. Duvenoy; Loeschhorn, Op. 66, selections from Heller, Op. 47, Sonatas from Mozart and Haydn; Field's Nocturnes; Composition by Gurlitt, Moskowski, Mendelssohn, and others.

Fourth Grade.—Major and minor scales, hands together, at metronome rate of 100; common chord arpeggios at the rate of 80. Czerny's Velocity studies, Op. 299; Bach's Little Preludes, et Fugues; Selections from Heller, Op. 46 and 45; Mendelssohn's Songs without words; Sonatas by Mozart and Beethoven; Selections from Chopin, Schubert, Schumann and modern composers.

Fifth Grade.—Major and minor scales, hand together at the metronome rate of 116; common chord arpeggios at the metronome rate of 116; common chord arpeggios at the rate of 100; Dominant and diminished sevenths at the rate of 100. Cramer Etudes; Bach's Inventions; Octavo Studies; Schubert's Impromptus; Chopin's Waltzes; Beethoven's Sonatas; Selections from Schumann, Weber, Grieg, MacDowell and others.

Senior Year.—Pupils must play scales, major and minor, hands together, at metronome rate of 132; arpeggios of major and minor scale chord, dominant and diminished seventh at a rate of 116; major and minor scales in double thirds, chords, octaves, hands separate, at metronome rate 80. Clamenti's Gradus ad Parnassus; Bach's well-tempered Clavichord; Selections from Handel's Suits; Bach's English and French Suits, Beethoven's Variations; Mendelssohn's Scherzos, Chopin's Pollonaises and Nocturnes; modern composers. Students in this grade should practice at least three hours a day. Before completing the course in music, pupils must pass a creditable examination in Practical

Harmony and Theory, and have at least one year in History of Music.

Recitals are given each quarter, all students of the Music Department participating, at the discretion of their instructors.

"PROGRESSIVE SERIES IN PIANO LESSONS."

The most laudable and widely agitated movement in professional music circles at present, proposes—

First—Standardization of music Teaching and Study.

Second—Allowances of High School Credited for music Study under standardized teachers.

We are presenting this year such a course of instruction. It represents all the different branches of musical education in symtematic order so that the material is introduced as it is needed and the bearing of one subject upon another is made clear.

Technical difficulties are concentrated upon and worked out by special methods which are explained in the course itself. With this course, then, exactly the technical work needed with all the very latest pedegogical improvements is available.

In view of the present tendency to standardize music instruction a text book of this kind goes a long way towards accomplishing the purpose of Standardizing the Teaching of Music.

The Progressive Series of Lessons, Exercises, Studies and Pieces which we present for the coming year, was compiled or originated by the highest authorities on musical matters in the world. Leopold Godowsky head of the Master-School of piano playing in Vienna and a famous virtuoso and composer of international reputation is Editor-in-chief.

Any Academy student may work out two units in music and and certain students who expect to specialize may major in music by working out four units in music.

For amount and kind of work for credit see our

special bulletin on High School Credits on the "Progressive Series of Piano Lessons." Write for bulletin.

Voice.

Special emphasis is given from the first to tone formation and proper breathing. Exercises in the development of the voice, in articulation, in expression and in the art of phrazing are given each year with increasing degrees of difficulty. Vocal scales are practiced. Easy, Pleasing songs by good composers are studied the first and second years, while songs of Schubert, Schumann, Mendelssohn, with selections from oratorios and operas are used during the third and fourth years. Precision of tone and flexibility of voice are developed by scale exercises and vocalises by Marchesi and others.

Violin.

We are unusually fortunate in securing a very excellent artist for this department. We predict a large class and a great year for the violin.

For years the violin has been the great solo instrument and more people are attracted by it than by any other. Bring your violin along.

ELEMENTARY COURSE.

A.—Wichtl's Young Violinist, De Beriot's Violin School, or Dancla's Method. Studies by Dancla, Mazas. Pieces by Papini, Hermann, Ries, Op 28, Bohm, Hauser, etc.

B.—Kayser, Books I and II. Sevcik's Technical Exercises. Dancla's Etudes, Op 122, and others.

INTERMEDIATE COURSE.

C.—Kayser, Book III. Kreutzer, first ten exercises. Mazas, Op. 36, Book I. Schradieck, Book I.

D.—Dancla's Etudes, Op. 110. Kreutzer, forty-two studies. Arpeggio studies. Three octave scales. Pieces by Donizetti, Viotti, Klose, etc.

ADVANCED COURSE.

E.—Kreutzer, thirteen studies. De Beriot's Seventh Concerto. Rode, Seventh Concerto. Concertos by Accolay and others. Pieces by Ernst Moskouwski, Raff and others.

MUSICAL ORGANIZATIONS

Orchestra.

Professor Kenyon.

This organization is maintained for the training that it gives the student in music and for the pleasure that such an organization gives the school and tis patrons. An orchestra is always in demand to add to the delight of an evening's program. The college owns a few of the foundation instruments for this organization. The past year the orchestra has given many excellent programs. Bring your instrument along.

Band.

Professor Kenyon.

A good band is recognized as an important adjunct to a school.

The permanency of this organization is assured by the fact that the college owns its own set of instruments. If you have an instrument bring it along.

Mandolin Club.

This, too, is placed upon a permanent basis, the College owning a set of eight mandolins and one mandola for the use of the club. This organization is for young ladies and is open to any young lady in the school until the instruments are all taken up.

College Chorus.

This is the organized class in chorus work and should prove a helpful and delightful addition to the musical features of the school.

DEPARTMENT OF EXPRESSION.

The object of this department is to train the body and the voice. Exercises are given to develop the poise of the body, freedom of gesture, ease of manner and self-confidence. Careful attention is given to proper articulation so that one's thoughts may be

stated clearly and atractively. Though special attention is given to public speaking, yet the aim of the department embraces more than this. In every line of human activity the proper use of the voice is an important factor. Business men, salesmen, teachers, trained nurses, and others give much more proficient service from having a well trained voice and manner, as well as public speakers. A broad training in handling voice and gesture that is suited to the needs of all classes is the aim of this department.

The regular course, for the completion of which a diploma is given, is outlined below and consists of two private lessons and two class lessons per week. It is designed to run parallel with our four year Academic course. At least three years of the Academic course, or their equivalent are necessary before the diploma in Expression will be granted. Students taking "half time" will pay one dollar extra per month for the class work.

COURSE OF STUDY.

First Year.

Physical Culture
Literary Interpretation
Recitals
Fundamental Voice Training
Platform Department
Visible Speech

Textbook, Evolution of Expression, Vols. I and II.

Second Year.

Physical Culture
Responsive Drill
Vocal Technique
Literary Interpretation
Visible Speech
Vocal Physiology
Expressive Voice
Tennyson, Kipling, Browning,
"As You Like It," or the "Merchant of Venice."
Recitals

Textbooks, Evolution of Expression, Vols. III and IV.
Philosophy of Physical Culture, Expressive Voice Culture.

Third Year.

Physical Culture
Expressive Voice
Gesture
Hamlet
Dramatic Art
Recitals
Vocal Technique
Extemporaneous Speaking
Debate
Pantomime
Macbeth

Textbooks, Perfective Laws of Art, Vols. I and II.
Practical Public Speaking.

Fourth Year.

Physical Culture
Anatomy
Vocal Technique
Faust
History of Oratory
Twelfth Night
Recitals.

DEPARTMENT OF ART.

Cora Sevier.

The aim of this department is to ground the pupil in the fundamental principles of Art and to cultivate some of the high faculties of the mind. As to the benefits from a mastery of this course, it need only be said that a knowledge of drawing is now indispensible in all departments of mechanics, and that a knowledge

of both drawing and painting, besides being a profitable source of income, is also an infinite source of refined and refining pleasure and the means of making homes more cheerful and attractive.

The regular course in Art embraces four years' study of two periods per week. A diploma is awarded for the completion of the course. The student must have at least three years of Academic work before the diploma will be awarded. The exact time required for the completion of the course will naturally vary with the ability of the student; since a certain degree of proficiency is required to entitle the student to the diploma regardles of the time used.

First Year.

Pencil, charcoal, and pen and ink drawing from plaster casts and still life. Study of perspective and artistic groupings.

Second Year.

Drawing continued, using more difficult objects. Water colors introduced. History of Art.

Third Year.

Drawing continued and special attention to artistic grouping. Photographs and miscellaneous works of art are studied from this view point. Water colors continued and work in oil begun. Outdoor sketching, pastel, pierced brass, clay modeling, stenciling and china painting are optional this year.

Fourth Year.

Drawing, water colors and oil continued and such optional branches as the student has selected. Study in principles of design.

EXPENSES.

All bills are charged by the term and are payable in advance. However, board for one-half the term may be paid in advance and the second half be paid at the middle of the term. So, instead of paying $39.00 for board upon

entering in September one can pay $19.50 and then November the first $19.50; January 2nd, $15.25 and February 7th $15.25; March 19th, $15.25 and April 25th, $15.25.

To calculate the expenses for a term or year take the tuition in your department and add the board. For example a student taking Academy would have for the Fall Term, tuition of $12.00 and board and room $39.00, making a total of $51.00. In the Grammar School it would be $7.00 for tuition plus $39.00 for board and room, making a total of

There will be no reduction of general tuition for those entering two and three weeks late since it requires extra care to catch the student up with his classes.

If a student takes Music or Expression for less than a term the lessons will be at the rate of 60 cents each.

Credit for board will be allowed at the rate of $2.50 a week where a student enters late or leaves before the close of the term.

Bring enough money, or preferably a check or draft, to pay tuition for a term and board for at least one-half term. Save a little for books and incidentals.

PARENTS! Please do not furnish very much spending money to your children. It becomes a menace to their work and they become a nuisance to the school.

See page —— for Government and Boarding Student's Outfit.

TUITIONS.

	Fall Term.	Winter Term.	Spring Term.
College	$14.00	$11.00	$11.00
Academy	12.00	10.00	10.00
Theology	12.00	10.00	10.00
Normal—State Certificate	10.00	8.00	8.00
County Certificate	7.00	6.00	6.00
Grammar School	7.00	6.00	6.00
Model Primary School	6.50	5.75	5.75
Piano, two lessons a week	14.00	11.00	11.00
Violin, two lessons a week	14.00	11.00	11.00
Voice, two lessons a week	14.00	11.00	11.00
Expression, two lessons a week	14.00	11.00	11.00
Art, two lessons a week	14.00	11.00	11.00
Typewriting	7.00	6.00	6.00
Penmanship	3.50	2.75	2.75

LABORATORY AND RENTAL FEES.

	Fall Term.	Winter Term.	Spring Term.
General Science and Botany	$ .50	$ .50	$ .50
Zoology	1.00	1.00	1.00
Physics	1.50	1.50	1.50
Chemistry	2.00	2.00	2.00
Piano rental one hour daily	3.50	2.75	2.75

ROOM AND BOARD.

	Fall Term.	Winter Term.	Spring Term.
Board and room including light, heat, water and mail service	$39.00	$30.50	$30.50

MISCELLANEOUS.

Key deposit in Boys' Hall, refunded when key is turned in, if every thing is in good condition	$ .50
Special Examinations	1.00
Academic, Music, Art or Expression Diplomas	5.00
Grammar School Diploma	2.00

ROLL OF ALUMNI OF UNION COLLEGE.

Collegiate Department.

1893.

James Perry Faulkner, (M. A., In cursu, 1896) ..... A.B.
John Elbert Thomas ..... A.B.

1894.

John Henry Byrley ..... A.B.
Charles Helder Gibson ..... A.B.
James Samuel Lock ..... A.B.

1895.

Alexander Francis Felts ..... A.B..
Leslie Hudson, (Deceased) ..... A.B.
Sarah Elizabeth Lock ..... A.B.
Daisy Chastine Tinsley ..... A.B.
Maude Ellen Tinsley ..... A.B.
George Harmon Wilson ..... A.B.

1896.

William Carson Black ..... A.B.
James Pogue Gibson ..... A.B.
George Edwin Hancock, (M.A., cursu, 1899) ..... A.B.
Deceased.
Edward Warren Tinsley ..... A.B.

1897.

Fred Trigg Kelley ..... A.B.
May E. Lock ..... A.B.

1898.

Victor Vance Anderson ..... A.B.

1899.

John Black Hudson ..... A.B.
John Eve Matthews ..... A.B.

1900.

Della Jewell Johnson ..... A.B.
Maymie Hannah Johnson ..... A.B.
Henry Clay Black ..... A.B.
George Augustus Lock ..... A.B.
Grant Perkins ..... A.B.
J. Will Harris ..... A.B.

1903.

Margaret Gill Burnside ..... A.B.

1904.

Roxye Leona Wilson ..... A.B.

1905.

Joseph A. Bretz ..... A.B.

1906.

Lawrence G. Wesley ..... A.B.
Cora Grindstaff ..... A.B.
Laura Grindstaff ..... A.B.

1907.

Ernest Faulkner ..... A.B.
Lena Wilson ..... A.B.

1908.

Edward P. Hall ..... A.B.
~~$46.00.~~

Junior Collegiate Department.

Charles Leroy Howes 1913

Academic Department.

Thomas A. Wood 1908
Mary Ballinger, (Deceased) 1908
Howard Trent 1908
J. Spencer Singleton 1908
Thomas Bradley Ashley 1909
Charles G. Black 1909
J. Loyd Decell 1909
Robert W. Howes 1909

Laura Green Easley 1909
Nancy Kincheloe 1909
Sudie Pauline Newman 1909
Hattie Jean Stansberry 1909
Samuel Bruce Hardy 1909
Amelia Ballinger 1910
Grace Bellaire Berry 1910
Verdie Colson 1910
Idella Kincheloe 1910
B. C. Lewis 1910
William Clark Mace 1910
Edgar B. Wesley 1910
Oscar Wesley 1910
Mary Rice Wilson 1910
Ellen Bryan Clark 1911
Ida Mae Cole 1911
Anna Mae Creech 1911
Guy Leslie Dickinson 1911
Norma Bruce Elliott 1911
Nancy Lee Faulkner 1911
Anna Royston Griggs 1911
Charles Leroy Howes 1911
Lallah Rookh Johnson 1911
Harrison W. Large 1911
Mary Dora Laughlin 1911
Lucy Ballinger 1912
Pearl Allyn Bastin 1912
Hallie Ester Cheap 1912
Myrtle Cole 1912
Lillian Hanna Mae Harrop 1912
Walter Monroe Jarvis 1912
Bertha Lockhart Norris 1912
Kathleen Brennan Sullivan 1912
Naomi Oldham Tuttle 1912
Annie Dee Albright 1913
Anna Cronley Ballinger 1913
John List Carrol 1913
Ollie Elnora Cole 1913
Maud Cole 1913
Ruth Decker 1913
Robert Faulkner 1913
Louise Jesson 1913
Mabel Jacobs Matthews 1913
Earl Mayhew 1913
Veana Gilraith Noe 1913
Thelma Edythe Stratton 1913
Edward William Scent 1913
Richard Brittain Tuggle 1913
Anna Melvin Walton 1913

John Henderson Young 1913
Stephen Amos Ballinger 1915
W. McKinley Wesley 1915
Clyde Stanfill 1915

THE ACADEMY CLASS OF 1916.

Martha Francis Albright ..... Knox County
Samuel Petty Franklin ..... Anderson County
Odis Elizabeth Fuller ..... Knox County
Carl Wendell Haggard ..... Casey County
Margaret Nelle Jones ..... Knox County
Karl Euart Lewis ..... Knox County
Katherine Kinniard Locke ..... Knox County
Stuart Doak Miller ..... Knox County
Mary Dowis Sampson ..... Knox County
Pauline Steele Sampson ..... Knox County
Winford Bailey Sampson ..... Lincoln County
Joel Dale Stansbury ..... Knox County
Clarence Swearingen ..... Lewis County
George William Thomas ..... Clarke County

Music Department.

Joan Easley 1908
Emma Weaver 1909
Ida Mae Cole 1911
Norma Bruce Elliott 1911
Ollie Elnora Cole 1913

ACADEMY DEPARTMENT.

Albright, Martha ..... Knox County
Avritt, Iva ..... Marion County
Bain, Paul ..... Knox County
Booze, Margaret ..... Wilhoit, Ky.
Bradley, Maude ..... Alabama
Borie, Geo. R. ..... Lyndon, Ky.
Bengey, C. D. ..... Balsm, Ky.
Dohoney, Ivy ..... Marion County
Dohoney, Betsey ..... Marion County
Fuller, Odis ..... Knox County
Franklin, Collie ..... Alton Station, Ky.
Franklin, S. P. ..... Alton Station, Ky.
Forrester, John ..... Harlan County
Faulkner, Drew ..... Knox County
Guyn, Aubrey ..... Wilmore, Ky.
Gregory, W. F. ..... Knox County
Haggard, Carl W. ..... Casey County
Hammons, Alta ..... Madison County

Jones, Nelle	Knox County
Johnson, Gladys	Bell County
King, Geo. A.	Knox County
Lewis, Goodloe	Louisville, Ky.
Lewis, Karl	Knox County
Locke, Katherine	Knox County
Mayhew, Laura	Knox County
Mayhew, Mae	Knox County
Morehead, Thelma	Knox County
Miller, Stuart D.	Knox County
Rodriguez, Armando	Panama
Ragan, Welby	Nicholas County
Swearingen, Clarence	Lewis County
Sampson, Pauline S.	Knox County
Sampson, Emoline E.	Knox County
Sampson, Dowis	Knox County
Sampson, W. B.	Lincoln County
Simmons, Minnie M.	Alabama
Stansbury, Joe	Knox County
Stacy, Otis	Knox County
Thomas, George	Winchester, Ky.
Tye, Bonie	Knox County
Van Deren, Ruby	Pulaski County
White, Herman	Alabama

NORMAL DEPARTMENT.

Bain, Paul	Knox County
Bargo, Margaret	Clay County
Bargo, W. M.	Clay County
Blair, James F.	Knox County
Curry, Tom	Knox County
Campbell, Mrs.	Knox County
Campbell, Andy	Knox County
Carnes, Victor	Knox County
Chestnut, Carson	Knox County
Dugger, Claud	Knox County
Earley, Minnie	Laurel County
Green, Carl	Bell County
Howard, Cleo	Knox County
Hammons, Mary	Knox County
Hammons, Will	Knox County
Hopkins, Mrs. Harvey	Knox County
Hopkins, Harvey	Knox County
Ingram, Vesta	Bell County
Jackson, George	Knox County
Logan, Dewey	Knox County
McWilliams, Rufus	Knox County
Mills, H. C.	Knox County

Martin, W. D.	Knox County
Miller, Fred	Knox County
McDonald, Ben	Knox County
Magee, Vesta	Laurel County
Martin, Willie Rose	Knox County
Noe, Lida	Knox County
Owens, Ora	Laurel County
Parrott, Troy	Knox County
Reynolds, C. H.	Clay County
Stewart, Jesse	Knox County
Smith, D. W.	Clay County
Smith, Willie	Knox County
Sibert, James	Clay County
Smith, C. A.	Knox County
Slusher, O. F.	Knox County
Scalf, Willie	Knox County
Upchurch, Mrs.	Illinois
Verbal, W. H.	Knox County
Vaughan, Nannie	Knox County
Williams, Ben	Knox County
Warfield, Estella	Knox County
Williams, Dora	Knox County
Young, Hardin P.	Lincoln County

GRAMMAR SCHOOL.

Burke, Edgar	Madison County
Beddow, Robert	Knox County
Bain, Sallie	Knox County
Brunner, Luther	Jessamine County
Brackett, Nora	Knox County
Bain, Ruby	Knox County
Booze, Carl	Wilhoit, Ky.
Chadwell, George	Knox County
Caudill, Jesse E.	Magoffin County
Cornett, Otis	Knox County
Cox, J. C.	Bell County
Campbell, Speedy	Knox County
Dishman, Will Ed.	Knox County
Dykes, Bruce	Harlan County
Decker, Sawyers	Knox County
Dykes, D. C.	Harlan County
Earley, Harvey	Knox County
Earley, Bee	Boreing, Ky.
Earley, Lillian	Knox County
Fain, Robert	Garrard County
Grace, Charles	Knox County
Gilbert, Xenia	Bell County
Gilbert, Ruby	Bell County

Gray, Fred S.	Tennessee
Goodin, W. J.	Knox County
Howard, Flora	Knox County
Howard, Flora	Knox County
Henson, Esther	Knox County
Hammons, Edward	Knox County
Hollifield, Leemon	Knox County
Humfleet, Violet	Knox County
Jackson, Clarence	Knox County
Jones, Lewis	Knox County
Kelley, Willie	Clay County
Ligon, Will	Knox County
McNeal, John	Knox County
Matthews, Vance	Wilton, Ky.
Miracle, C. B.	Knox County
Morgan, Ethel	Knox County
McWilliams, Joe	Knox County
Morford, Thomas	Garrard County
Noe, Lida	Knox County
Overley, Ramond	Covington, Ky.
Owens, Charles	Knox County
Reynolds, Beve	Clay County
Roberts, Farris	Jesson County
Swearingen, Fay	Lewis County
Shelton, Shivley	Knox County
Smith, Clyde	Knox County
Sargent, Harry	Knox County
Turner, Edith	Knox County
Tuggle, Allen	Knox County
Tompson, Ethel	Knox County
Turner, Flossie	Knox County
Valentine, Jesse	Knox County
Williams, Edgar	Knox County

INTERMEDIATE DEPARTMENT.

Black, Maurice	Knox County
Bromley, Charles	Knox County
Bromley, Walter	Knox County
Byrley, Cecil	Knox County
Carnes, Mae	Knox County
Carnes, Irene	Knox County
Earley, Flossie	Knox County
Cornett, Will	Four Fork, Ky.
Farmer, Loretta	Knox County
Farmer, Wilson	Knox County
Jones, Billy	Knox County
Kelley, Willie	Clay County
Martin, Mayhew	Knox County

McClung, Evelyn	Knox County
Middleton, Leola	Virginia
Owens, Ruth	Knox County
Sampson, Anna Maude	Knox County
Sampson, Helen	Knox County
Smith, Anna Mae	Knox County
Scent, Caroline	Knox County
Stansbury, David	Knox County
Stansbury, Ted	Knox County
Smith, Blanche	Knox County
Sallee, Cecil	Wilmore, Ky.
Tuggle, Kenneth	Knox County
Rutherford, Homer	Knox County
Woodyard, Evue	Tennessee.

PRIMARY DEPARTMENT.

Bromley, Thomas	Knox County
Bromlay, Paul	Knox County
Bradley, Mary L.	Knox County
Bradley, Mary L.	Knox County
Black, Fonzine	Knox County
Bain, Guila	Knox County
Black, Craig	Knox County
Black, Evelyn	Knox County
Black, Russel	Knox County
Black, Stanley	Knox Countq
Campbell, Kenneth	Grays, Ky.
Dishman, Ben	Knox County
Davidson, Frank	Knox County
Earley, Warnie	Knox County
Farmer, Louise	Knox County
Gregory, Pauline	Knox County
Gregory, Evelyn	Knox County
Hawn, Katherine	Knox County
Hawn, Louis	Knox County
Humfleet, Bernice	Knox County
Kennedy, Katherine	Knox County
Kelley, Sadie	Knox County
Lewis, Mae	Knox County
Lewis, Luther	Knox County
Locke, Lucile	Knox County
Mealer, Jenny	Knox County
McDermott, James	Knox County
Mealer, Loretta	Knox County
McClung, Jean	Knox County
Martin, Elmer	Knox County
Scent, Charles	Knox County
Scent, Anna	Knox County

Sphar, Anna ..... Knox County
Smith, Gertrude ..... Knox County
Smith, Walter ..... Knox County
Turner, Delia ..... Knox County
Turner, Delmas ..... Knox County
Tiffany, Wallace ..... Knox County

BUSINESS DEPARTMENT.

Baldwin, Lew ..... Madison County
Bradley, Maude ..... Alabama
Bain, Paul ..... Knox County
Dykes, D. C. ..... Garrard County
Earley, Bee .....
Faulkner, Drew ..... Knox County
Franklin, Collie .....
Forrester, John ..... Harlan County
Freeman, D. E. ..... Virginia
Garrizoni, Peter ..... Bell County
Hammons, Alta ..... Madison County
Hubbard, Henry ..... Knox County
Haggard, Carl ..... Casey County
Hopper, Sidney L. ..... Knox County
Hammons, Edward ..... Knox County
Jones, Fred ..... Knox County
Kelley, Hortense ..... Knox County
Logan, Dewey ..... Knox County
Mattingly, James ..... Virginia
Mitchell, Elmer ..... Knox County
Rodriguez, Armondo ..... Panama
Stanfill, Clyde ..... Knox County
Smith, Clyde ..... Knox County
Slusher, Oscar F. ..... Knox County
Simms, Algin T. ..... Knox County
Sargent, Harry ..... Knox County
Stansbury, R. P. ..... Knox County
Sampson, R. P. ..... Lincoln County
Sampson, W. B. ..... Lincoln County
Simmons, Minnie M. ..... Alabama
Thomas, George ..... Clarke County
Tye, Bonnie ..... Knox County
Van Deren, Ruby ..... Pulaski County
West, Louise ..... Alabama
White, Herman O. ..... Alabama

PIANO.

Albright, Martha ..... Knox County
Bain, Ruby ..... Knox County

Black, Fonzine ..... Knox County
Bain, Sallie ..... Knox County
Dohoney, Iva ..... Marion County
Dohoney, Betsey ..... Marion County
Freeman, Alma ..... Virginia
Gilbert, Xenia ..... Bell County
Gilbert, Ruby ..... Bell County
Haggard, Carl ..... Casey County
Humfleet, Violet ..... Knox County
Gregory, Evelyn ..... Knox County
Gray, Fred ..... Tennessee
Gregory, Mrs. W. F. ..... Knox County
Johnson, Gladys ..... Bell County
Kenyon, Mrs. J. B. ..... Knox County
Martin, Willie Rose ..... Knox County
Middleton, Leola ..... Virginia
Mayhew, Laura ..... Knox County
Mayhew, Mae ..... Knox County
Mattingly, Mary ..... Virginia
Overly, Raymond ..... Covington, Ky.
Prater, Mary Willie ..... Magoffin County
Sampson, Anna Maude ..... Knox County
Sampson, Dowis ..... Knox County
Sampson, Emoline ..... Knox County
Sampson, Pauline ..... Knox County
Swearingen, Fay ..... Lewis County
Smith, Anna Mae ..... Knox County
Simmons, Minnie Mutt ..... Alabama
Woodyard, Evue ..... Tennessee
Woodyard, Dana ..... Tennessee
Van Deren, Ruby ..... Pulaski County

HISTORY AND HARMONY.

Albright, Martha ..... Knox County
Woodyard, Dana ..... Tennessee
Overley, Ramond ..... Covington, Ky.

ART DEPARTMENT.

Bradley, Maude ..... Alabama
Creal, Nettie ..... Larue County
Edwards, Mrs. W. S. ..... Knox County
Franklin, Mrs. E. T. ..... Knox County
Gilbert, Ruby ..... Bell County
Golden, Mrs. Lynn ..... Knox County
Hughes, Mrs. J. W. ..... Knox County
Lay, Mrs. W. R. ..... Knox County
Lane, Bertha ..... Knoxville, Tenn.

Miller, Mrs. J. S. ..... Knox County
Parker, Rosa ..... Knox County
Prater, Mary Willie ..... Magoffin County
Steele, Mona ..... Knox County
Smith, Mrs. A. D. ..... Knox County
Tuggle, Mrs. James ..... Knox County
Tuggle, Kenneth ..... Knox County

VOICE.

Bradley, Maude ..... Alabama
Franklin, S. P. ..... Anderson County
Franklin, Collie ..... Anderson County
Gregory, W. F. ..... Knox County
Gilbert, Xenia ..... Bell County
Gilbert, Ruby ..... Bell County
Guyn, Aubrey ..... Jessamine County
Gray, Fred S. ..... Tennessee
Mayhew, Laura ..... Knox County
Sampson, Emoline ..... Knox County
Sampson, Pauline ..... Knox County
Simmons, Minnie Mutt ..... Alabama
Tye, Bonnie ..... Knox County
Woodyard, Dana ..... Tennessee
White, Herman O. ..... Alabama

EXPRESSION AND PHYSICAL CULTURE.

Bain, Ruby ..... Knox County
Farmer, Loretta ..... Knox County
Humfleet, Violet ..... Knox County
Middleton, Leola ..... Virginia
Overly, Raymond ..... Covington, Ky.
Steele, Mona ..... Knox County
Simmons, Minnie Mutt ..... Alabama
Tye, Drucilla ..... Knox County
Black, Evelyn ..... Knox County
McClung, Evelyn ..... Knox County
McClung, Jean ..... Knox County

VIOLIN.

Beddow, Robert ..... Knox County
Sampson, Dowis ..... Knox County
Sampson, Emoline ..... Knox County
Smith, Anna Mae ..... Knox County
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